



New Products

APRIL 2025

We are continually expanding our portfolio to meet your research needs. *Check out* the new products released this month!

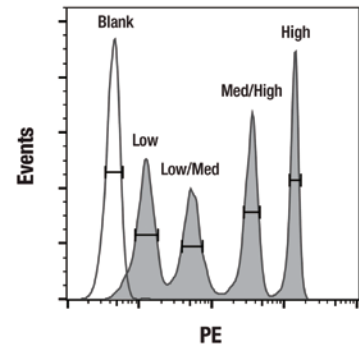
HOT PRODUCTS

CAR (G4S Linker) Antigen Density Quantitation Kit (PE) #93513

CAR molecule quantitative measurement kit

The stoichiometric relationship between surface expressed single-chain variable fragment (scFv)-based chimeric antigen receptors (CARs) and their cognate antigens expressed on target cells is a critical determinant of the efficacy of CAR-engineered immune cells. The CAR Antigen Density Quantitation Kit enables the quantitative analysis of CAR surface expression on cells that are engineered to express a G4S linker-containing scFv-based CAR. #93513 is for the G4S Linker, and #33709 is for the Whitlow/218 Linker.

KEYWORDS: CAR-T therapy, Immuno-oncology



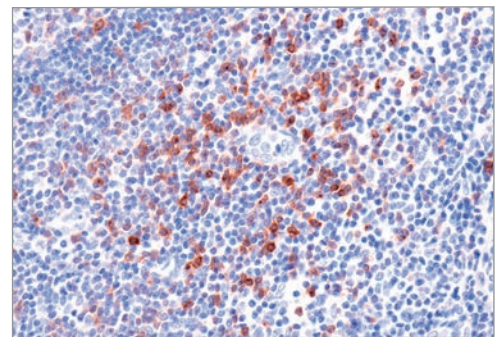
FC-L: Representative flow cytometric histogram overlay of the four fluorescence intensities of PE-labeled beads (shaded peaks) and blank beads (unshaded peak).

CCR4 (F9A9K) Rabbit mAb #59945

Tumor marker CCR4

C-C chemokine receptor type 4 (CCR4) is a chemokine receptor that is primarily expressed in T cells, specifically in Th2, Th17, and Treg subsets. Like other chemokine receptors, CCR4 is a G protein-coupled receptor (GPCR) that contains seven transmembrane domains. Elevated CCR4 expression has been implicated in various allergic diseases, such as asthma and dermatitis. It has also been implicated in several hematological malignancies, including acute myeloid leukemia (AML), acute T cell leukemia/lymphoma (ATLL), and cutaneous T cell lymphoma (CTLL). The humanized anti-CCR4 monoclonal antibody mogamulizumab has been approved for the treatment of patients with relapsed ATLL.

KEYWORDS: Chemokine receptors, T cell subsets, hematopoietic malignancies



IHC-P: IHC analysis of paraffin-embedded human tonsil using #59945.



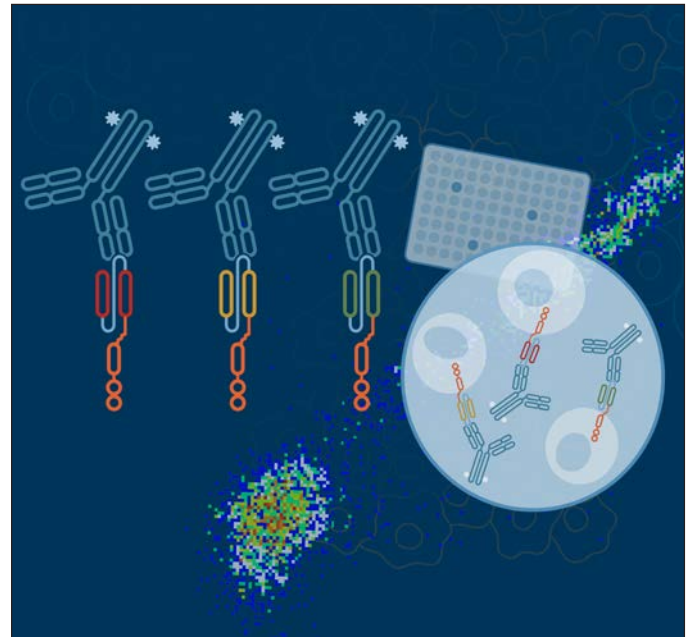
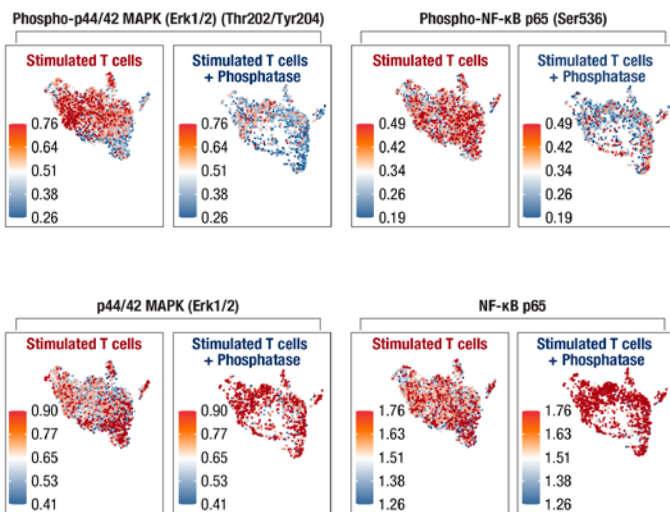
PRODUCT	APPLICATIONS	REACTIVITY
Adhesion/Extracellular Matrix		
74159SF CAR (D3W3G) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H
26390SF Integrin $\beta 4$ (D8P6C) XP [®] Rabbit mAb (BSA and Azide Free)	WB, IHC-P, FC-FP	H
24470SF MUC5B (E4Y5Z) Rabbit mAb (BSA and Azide Free)	IHC-P, IF-IC	H
26867S Vimentin (D21H3) XP [®] Rabbit mAb (mFluor™ Violet 610 Conjugate)	FC-FP	H, M, R, Hm, Mk
Adoptive Cell Therapy and Cancer Vaccines		
59945S CCR4 (F9A9K) Rabbit mAb	WB, IHC-P	H
59945T		
93513S CAR (G4S Linker) Antigen Density Quantitation Kit (PE)	FC-L	All
33709S CAR (Whitlow/218 Linker) Antigen Density Quantitation Kit (PE)	FC-L	All
57780S G4S Linker (E7O2V) Human Chimeric mAb	FC-L	All
57780T		
Alzheimer's disease		
63965S CD11b/ITGAM (F2V1P) Mouse mAb	WB, IF-IC	H, R
63965T		
Apoptosis		
39233S Phospho-BCL2L13 (Ser275) Antibody	WB	H, M, R
19293SF Smac/Diablo (79-1-83) Mouse mAb (BSA and Azide Free)	WB, IHC-P	H, Mk
ATP-Dependent Chromatin Remodeling Enzymes		
57558SF SS18 (D6I4Z) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R, Mk, (Dg, Hr)
Autoimmunity and Inflammation		
94903S CD93/C1qR (E5H9B) Rabbit mAb (Alexa Fluor [®] 488 Conjugate)	IHC-P, FC-L	H
90536S Human IL-17A Recombinant Protein	-	-
74398S Human RANKL Recombinant Protein	-	-
Autophagy		
85171SF Optineurin (E4P8C) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H
25484S TMEM164 (F2M4W) Rabbit mAb	WB, IP	H
25484T		
Biochemical Metabolism and Signaling		
24043S AGPS (F1N3Q) Rabbit mAb	WB	H
24043T		
46619S AHCY/SAHH (F2O1K) Rabbit mAb	WB, IHC-P	H, M, R
46619T		
20256S APOC2 (F4Q3M) Rabbit mAb	WB, IP	H
20256T		
92796S Apolipoprotein C-I (F9L6S) Rabbit mAb	WB	H
92796T		
84315SF COMT (D4N6M) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H
38678S FAR1 (F2Z9W) Rabbit mAb	WB	H, R
38678T		
90520S Glut2 (F6X2X) Rabbit mAb	WB	H
90520T		
87571SF Glutaminase-1/GLS1 (E9H6H) XP [®] Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, Mk
38389SF IGF-II Receptor/CI-M6PR (D8Z3J) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R
58434T Lipid Metabolism/Ferroptosis Antibody Sampler Kit	-	-

PRODUCT	APPLICATIONS	REACTIVITY
Biochemical Metabolism and Signaling (cont.)		
37715SF MLH1 (4C9C7) Mouse mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, Mk
29004SF MRP4/ABCC4 (D2Q20) Rabbit mAb (BSA and Azide Free)	WB, IF-F, IF-IC	H, M, Mk
61336S Perilipin-3 (F8T8T) Rabbit mAb	WB	H
61336T		
42306S POFUT1 (E8F4R) Rabbit mAb (IHC Formulated)	IHC-P	H, M
42306T		
25940S SREBP-2 (F1X2D) Rabbit mAb	WB, ChIP	H
25940T		
Ca, cAMP & Lipid Signaling		
45071SF Spinophilin (E1E7R) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R
Cell Autonomous Innate Immunity		
24948SF IRF-5 (E9I4Z) Rabbit mAb (BSA and Azide Free)	WB, IF-F, FC-FP	H, M
19105S STING (D2P2F) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H, M, Hm
Cell Cycle		
81991S Phospho-cdc2 (Tyr15) Matched Antibody Pair	ELISA	H
Chromatin Acylation and Phosphorylation		
53397SF SRC-1 (I28E7) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R, Mk
Chromatin Methylation and Ubiquitylation		
35393S ARID5A (F7T9F) Rabbit mAb	WB, IP	H
35393T		
Cytoskeletal		
50809S Nestin Matched Antibody Pair	ELISA	M
30377S Nestin Matched Antibody Pair II	ELISA	H
75673SF ROCK1 (E2G4N) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R
DIFFERENTIATION - Transcription Factor		
24748SF GATA-2 (E9T6F) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, R
77647S Phospho-KAP-1 (Ser824) (F1Y6O) Rabbit mAb	WB, IP	H, M, R
77647T		
90893S Phospho-KAP-1 (Ser824) (F7D9Q) Rabbit mAb	WB, IP, IF-IC, FC-FP	H
90893T		
DNA Damage/Senescence		
40826SF FoxM1 (D3F2B) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H
71890S Acetylated p53 Matched Antibody Pair	ELISA	H, M, Mk
General Transcription Factors		
20768S CDK9 (C12F7) Rabbit mAb (Alexa Fluor® 488 Conjugate)	FC-FP	H, M, R, Hm, Mk, B, Dg
69808S CDK9 (C12F7) Rabbit mAb (Alexa Fluor® 647 Conjugate)	FC-FP	H, M, R, Hm, Mk, B, Dg
49401S HMGB3 (F2P1J) Rabbit mAb	WB, IP	H, M, R, Mk
49401T		
Growth factors & Cytokines		
88073S Human Erythropoietin Recombinant Protein	-	-
HIPPO		
85629S PhosphoPlus® YAP (Ser61) Antibody Duet	-	-
Histones and Histone Modifications		
97715S Phospho-Histone H3 (Ser10) (D2C8) XP® Rabbit mAb (mFluor™ Red 780 Conjugate)	FC-FP	H, M, R, Mk, Z

PRODUCT	APPLICATIONS	REACTIVITY
Histones and Histone Modifications (cont.)		
84766S Acetyl-Histone H3 (Lys9) Matched Antibody Pair II	ELISA	H, Mk
Inflammasome		
92344S Mouse IL-1 β Recombinant Protein	-	-
Lymphocyte Signaling		
89898S Phospho-HS1 (Tyr378/397) Matched Antibody Pair II	ELISA	H
29054S RAG1 (F5G2W) Rabbit mAb	WB	H
29054T		
71724SF SH2D1A (XLP1D12) Rat mAb (BSA and Azide Free)	WB, FC-FP	H
34069SF Phospho-Src Family (Tyr416) (D49G4) Rabbit mAb (BSA and Azide Free)	WB, ELISA	H, M, R, Mk, Dg
26501S Phospho-Zap-70 (Tyr319) Matched Antibody Pair III	ELISA	H
MAP kinase		
63432SF Phospho-p90RSK (Ser380) (9D9) Rabbit mAb (BSA and Azide Free)	WB, ELISA	H, M, R, Mk, (C)
80908SF RSK1/RSK2/RSK3 (32D7) Rabbit mAb (BSA and Azide Free)	WB, ELISA	H, M, R, Mk, GP
Neural function (neurite extension, axonal guidance, synaptogenesis, myelination and neuron-glia cell interactions)		
49334SF NDRG4 (D4A6) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F	H, M, R, (Mk)
39588S Olig2 (F9R1H) Mouse mAb	WB, IF-F, IF-IC	H, M, R
39588T		
Neurodegeneration: Other		
53720S HAP40 (F2T4T) Rabbit mAb	WB, IP	H, M, R
53720T		
NFkappaB Signaling		
69972S Phospho-IkBa (Ser32) Matched Antibody Pair	ELISA	H, M, R
87039S Phospho-IkBa (Ser32/36) Matched Antibody Pair	ELISA	H, M, R
NOTCH		
94845S DLK1 (F703Q) Rabbit mAb	IHC-P, IF-IC, FC-FP, FC-L	H
94845T		
Phenotyping and Functional Markers		
63151S CD3 ϵ (D7A6E™) XP® Rabbit mAb (Alexa Fluor® 750 Conjugate)	IHC-P	H, Mk
49541S CD206/MRC1 (E2L9N) Rabbit mAb (Alexa Fluor® 750 Conjugate)	IHC-P	H
PI3K/Akt/mTOR Signaling		
65784S Phospho-Akt (Thr308) Matched Antibody Pair II	ELISA	H, M, R, Mk
51328S Phospho-Akt (Ser473) (D9E) XP® Rabbit mAb (mFluor™ Violet 610 Conjugate)	FC-FP	H, M, R, Hm, Mk, Dm, Z, B, (C, X, Dg, Pg)
56186S Phospho-S6 Ribosomal Protein (Ser235/236) (D572.2E) XP® Rabbit mAb (Alexa Fluor® 405 Conjugate)	FC-FP	H, M, R, Mk, Mi, Sc, (C, Pg)
Proteostasis		
89694SF ERp44 (D17A6) XP® Rabbit mAb (BSA and Azide Free)	W, IHC-P	H, M, R, Mk
18133SF Grp94 (D6X2Q) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R, Mk
Receptor signaling: GPCRs, ion channels, RTKs-Neuro, transporters (SLC & ABC)		
46386S NHE1 (E2S8S) Rabbit mAb	WB, IP	H, M, R
46386T		
93766S Oxytocin/Neurophysin I (F3X6H) Rabbit mAb	IHC-P	H, Mk
93766T		
REDOX/Energy Metabolism		
16360S Phospho-AMPK α (Thr172) Matched Antibody Pair	ELISA	H, M
91175SF Hemoglobin γ (D4K7X) Rabbit mAb (BSA and Azide Free)	WB, FC-FP	H

PRODUCT	APPLICATIONS	REACTIVITY
RNA Splicing, Capping, Polyadenylation		
19700S SRRM2 (F3J1Z) Rabbit mAb	WB, IP, IF-IC	H
19700T		
57885S SRSF5 (F7Z3Y) Rabbit mAb	WB, IP	H, M, R, Mk
57885T		
RNA Stability & Decay		
94265S PABP1 (F6G6L) Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
94265T		
RTK-Cell Biology		
28837S Phospho-Axl (Tyr702) Matched Antibody Pair	ELISA	H
51760S Total HER3/ErbB3 Matched Antibody Pair	ELISA	H
93840S Phospho-HER3/ErbB3 (Tyr1328) Matched Antibody Pair	ELISA	H
10057SF IGF-1 Receptor β (D4O6W) Rabbit mAb (BSA and Azide Free)	WB, IHC-LB, IHC-P	H
72834SF Neuropilin-1 (E8L6E) Rabbit mAb (BSA and Azide Free)	WB, FC-FP	H
37611S Phospho-VEGFR-2 (Tyr1175) Matched Antibody Pair	ELISA	H, M
TGFB/BMP		
15805S Mouse TGF- β 1 Recombinant Protein	-	-
Toll-Like and C-Type Lectin Receptors		
13811S Toll-like Receptor 5 (D9O8Q) Rabbit mAb	WB	H
13811T		
Tumor Microenvironment		
42912S CXCL10 (F8S6H) Rabbit mAb	WB, FC-FP	M, R
42912T		
52305SF LRRC15 (E4X8J) Rabbit mAb (BSA and Azide Free)	W, IHC-P	H, M
Vesicle and Protein Trafficking		
24846S Phospho-AAK1 (Thr620) (F6J5X) Rabbit mAb	WB, IP	H, M, R
24846T		
20990S Phospho-DRP1 (Ser637) (F8V7T) Rabbit mAb	WB, IP	H, M, R
20990T		
81197S LAMP2A (F1A5A) Rabbit mAb	WB, IP, IF-F	H, M, R
81197T		
23038C PathScan [®] RP Phospho-NDRG1 (Ser330) Sandwich ELISA Kit	ELISA	H, Mk
95634C PathScan [®] RP Phospho-NDRG1 (Thr346) Sandwich ELISA Kit	ELISA	H, Mk
51623S Phospho-Syntenin-1/MDA9 (Ser60) (F4T2K) Rabbit mAb	WB, IP	H
51623T		
Virus		
55451SF SARS-CoV-2 Spike Protein (RBD) (E9G9W) Mouse mAb (BSA and Azide Free)	ELISA	Vir

What's New at CST



Investigate signaling pathways with InTraSeq™ Single Cell Analysis!

- Examine intracellular with guaranteed robust RNA signal
- Explore multiple molecular mechanisms in one experiment
- Works with 10x Genomics Chromium Single Cell 3' Reagent Kits with Feature Barcoding technology

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Cutting-Edge Tools for CAR-T Cell Development:

- Novel CAR Linker antibodies for cell characterization
- IHC-validated antibodies for analyzing CAR targets
- Fluorochrome-conjugated antibodies for phenotyping

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