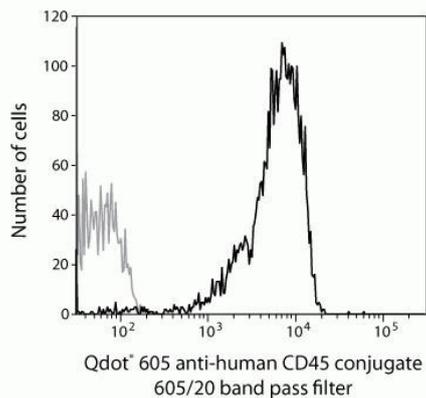


CD45 Monoclonal Antibody (HI30), Qdot™ 605

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	HI30
Conjugate	Qdot™ 605
Excitation/Emission Max	300/603 nm
Immunogen	Human CD45.
Form	Liquid
Purification	purified
Storage buffer	0.05M borate, pH 8.3, with 1M betaine
Contains	0.05% sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2556443

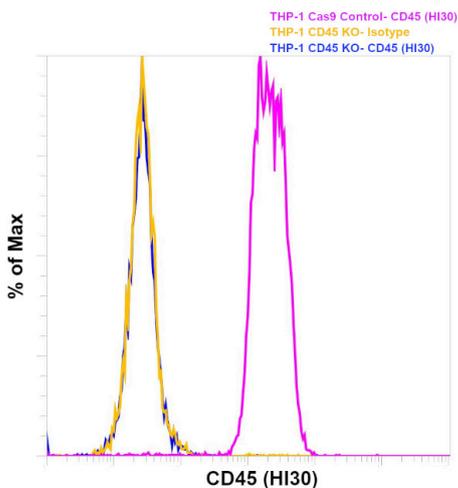
Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-dependent	2 Publications
Miscellaneous PubMed (Misc)	-	1 Publication

Product Images For CD45 Monoclonal Antibody (HI30), Qdot™ 605



CD45 Antibody (Q10051) in Flow

Qdot® 605 anti-human CD45 conjugate 605/20 band pass filter



CD45 Antibody (Q10051)

Antibody clone (HI30) specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. Loss of signal was observed for target protein in HI30 KO cells (blue histogram) compared to the control Cas9 cells (pink histogram) using CD45 antibody (HI30). The Yellow histogram represents staining with the isotype control. {KO}

Flow Cytometry (2)

Mucosal immunology

Dynamic change in natural killer cell type in the human ocular mucosa in situ as means of immune evasion by adenovirus infection.

"Q10051 was used in flow cytometry to investigate the dynamics and characteristics of natural killer cell types in the human ocular mucosal surface in situ during infection with group D human adenoviruses."

Authors: Yawata N, Selva KJ, Liu YC, Tan KP, Lee AW, Siak J, Lan W, Vania M, Arundhati A, Tong L, Li J, Mehta JS, Yawata M

Year
2016

Species
Human

Journal of virology

T cells modulate Epstein-Barr virus latency phenotypes during infection of humanized mice.

"Q10051 was used in flow cytometry to test the role of T cells in Epstein-Barr virus viral latency regulation in humanized NOD/SCID/IL2Rgamma(-/-) mice"

Authors: Heuts F, Rottenberg ME, Salamon D, Rasul E, Adori M, Klein G, Klein E, Nagy N

Year
2014

Miscellaneous PubMed (1)

Journal of biomedicine & biotechnology

Telomere attrition occurs during ex vivo expansion of human dental pulp stem cells.

"Q10051 was used in flow cytometry to characterize stem cells isolated and expanded from the human dental pulp"

Authors: Mokry J, Soukup T, Micuda S, Karbanova J, Visek B, Brackova E, Suchanek J, Bouchal J, Vokurkova D, Ivancakova R

Year
2011

Species
Human

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