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10-4185: Monoclonal Antibody to human CD45 (Clone EO-1)

Clonality :	Monoclonal
Clone Name :	EO-1
Application :	IHC,FACS,WB
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	PTPRC
Gene ID :	5788.
Uniprot ID :	P08575
Format :	Purified
Alternative Name :	Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, L-CA
Isotype :	Mouse IgG2a

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles

Application Note

Flowcytometry analysis: 0.1- 0.5 µg /10^6 Cells, Western blot analysis: 4-6 µg/ml

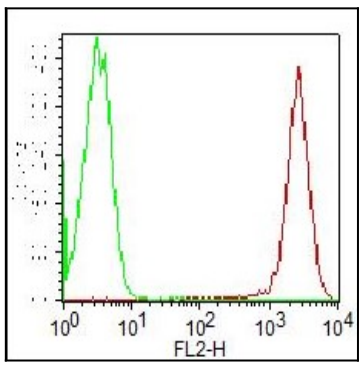

Figure. 1- Cell surface staining of Jurkat cells. Green represents IgG2a Isotype control (Abeomics), Red represents CD45 Clone EO-1 (10-4185). 0.1 µg antibody was used per test. PE conjugated Goat anti-mouse Ig was used as secondary antibody.

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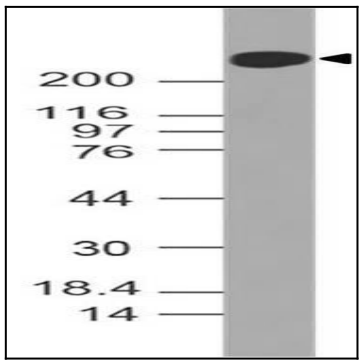

Figure-2: Western blot analysis of CD45. Anti- CD45 antibody (Clone: EO-1) was used at 4 µg/ml on Raji lysate.

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