

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

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

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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<sup>6</sup> Cells, Western blot analysis: 4-6 µg/ml

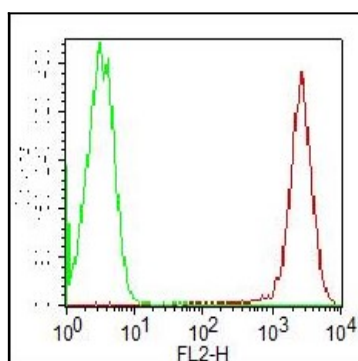


Figure. 1- Cell surface staining of Jurkat cells. Green represents IgG2a Isotype control (Abeomics), Red represents CD45 Clone EO-1 (10-4185). 0.1 µg antibody was used per test. PE conjugated Goat anti-mouse Ig was used as secondary antibody.

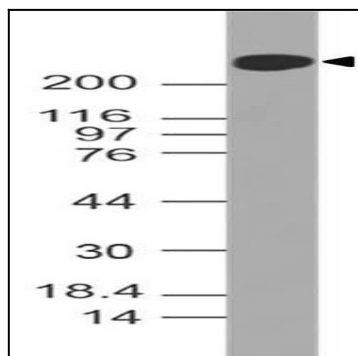


Figure-2: Western blot analysis of CD45. Anti- CD45 antibody (Clone: EO-1) was used at 4  $\mu$ g/ml on Raji lysate.