

## CD45 Rabbit mAb

Catalog No: #56054



Package Size: #56054-1 50ul #56054-2 100ul

Orders: order@signalwayantibody.com

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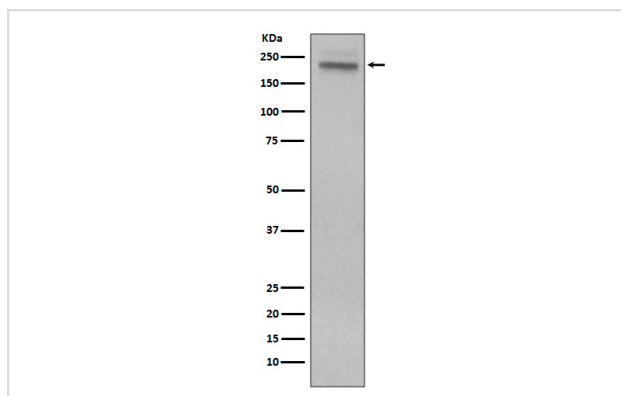
## Description

Product Name	CD45 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human
Specificity	CD45 Antibody detects endogenous levels of total CD45
Immunogen Description	A synthesized peptide derived from human CD45
Other Names	CD45; B220; GP180; LCA; PTPRC; T200 leukocyte common antigen;
Accession No.	Uniprot:P08575
Calculated MW	150kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

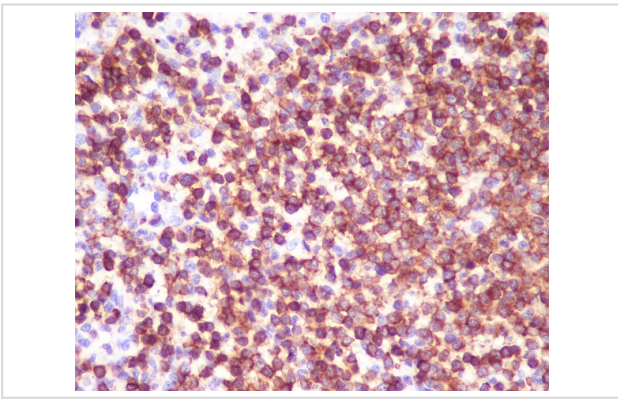
## Application Details

WB:1:500~1:2000IHC:1:50~1:200ICC/IF:1:50~1:100FC:1:20

## Images



Western blot analysis of CD45 expression in Jurkat cell lysate.



Immunohistochemical analysis of paraffin-embedded human spleen, using CD45 Antibody .

## Product Description

Protein tyrosine-protein phosphatase required for T-cell activation through the antigen receptor. Acts as a positive regulator of T-cell coactivation upon binding to DPP4. The first PTPase domain has enzymatic activity, while the second one seems to affect the substrate specificity of the first one. Upon T-cell activation, recruits and dephosphorylates SKAP1 and FYN. Dephosphorylates LYN, and thereby modulates LYN activity (By similarity).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.