

Anti-PTPRC antibody (194-1306) (STJ25235)

STJ25235

GENERAL INFORMATION

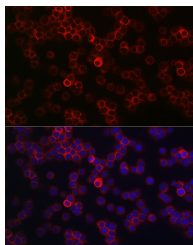
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

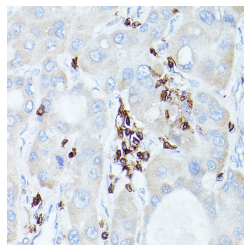
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

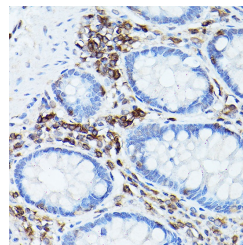
Gene ID	5788
Gene Symbol	PTPRC
Uniprot ID	PTPRC_HUMAN
Immunogen	
Immunogen Region	194-1306
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 194-390 of human CD45 (NP_002829.3).
Immunogen Sequence	SDAYLNASETTTLSPSGSAV ISTTTIATTPSKPTCKEYKA NITVDYLYNKETKLFATKLN VNENVECGNNTCTNNEVHNL TECKNASVSISHNSCTAPDK TLILDVPPGVGEKQLHDCTQ VEKADTTICLKWKNIETFTC DTQNITYRFQCGNMIFDNKE IKLENLEPEHEYKCDSEILY NNHKFTNASKIIKTDG



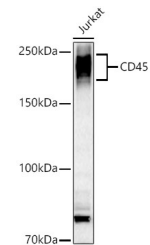
Immunofluorescence analysis of Jurkat cells using CD45 Rabbit polyclonal antibody (STJ25235) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of CD45 in paraffin-embedded human liver cancer using CD45 Rabbit polyclonal antibody (STJ25235) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of CD45 in paraffin-embedded human colon using CD45 Rabbit polyclonal antibody (STJ25235) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from Jurkat cells, using CD45 Rabbit polyclonal antibody (STJ25235) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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