

Anti-CD45RB antibody (26-463) (STJ11105069)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

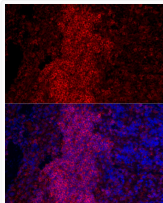
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 135kDa Observed Mw: 200-250kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

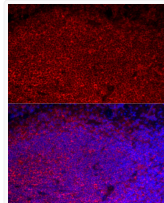
Gene ID	5788
Gene Symbol	PTPRC
UniProt ID	PTPRC_HUMAN
Immunogen Region	26-463
Immunogen Sequence	QSPTPSPTGVSSVQTPHLPT HADSQTPSAGTDTQTFSGSA ANAKLNPTPGSNAISDAYLNA ASETTLSPSGSAVISTTTI ATTPSKPTCDEKYANITVDY LYNKETLFTAKLNVNENVE CGNNTCTNNEVHNLTECKNA SVSISHNSCTAPDKTLILDV PPGVEKFLHDCTQVEKADT TICLKWKNIETFTCDTQNTI YRFQCGNMIFDNKEIKLENL EPEHEYKCDSEILYNNHKF
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 26-463 of human CD45RB. (XP_006711537.1).

ADDITIONAL INFORMATION

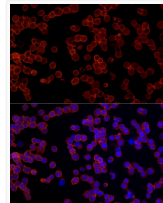
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



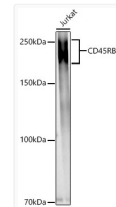
Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol. Immunofluorescence analysis of rat spleen using CD45RB Rabbit polyclonal antibody (STJ11105069) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol. Immunofluorescence analysis of mouse spleen using CD45RB Rabbit polyclonal antibody (STJ11105069) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Jurkat cells using CD45RB Rabbit polyclonal antibody (STJ11105069) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of Jurkat, using CD45RB Rabbit polyclonal antibody (STJ11105069) at 1:1500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.