

Product Datasheet

CD45RB Antibody (orb2637917)

Catalog Number	orb2637917
Category	Antibodies
Description	CD45RB is one of the four major isoforms of CD45. The variation in these isoforms is localized to the extracellular domain of CD45R, while the intracellular domain is conserved. Clone PD7/26 antibody is specific to CD45RB, and stains most leukemias and lymphomas. This CD45RB antibody is often used in a cocktail with clone 2B11, which will bind to all CD45 isoforms.
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
Purification	Protein G purified
Immunogen	Human peripheral blood lymphocytes maintained in T cell growth factor were used as the immunogen for this CD45RB antibody.
Tested applications	FACS, IF, IHC-P, WB
Dilution range	Flow cytometry: 0.5-1ug/10 ⁶ cells, Immunofluorescence: 0.5-1ug/ml, Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 0.25-0.5ug/ml for 30 min at RT

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Application notes

Variations in protocols, secondaries and substrates may require the CD45RB antibody to be titered up or down for optimal performance.1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Antibody Type

Primary Antibody

Clone Number

PD7/26

Storage

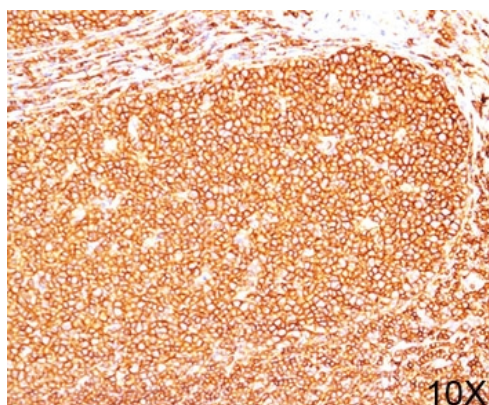
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only

Expiration Date

12 months from date of receipt.



IHC testing of human tonsil (10X) stained with CD45RB antibody (PD7/26).

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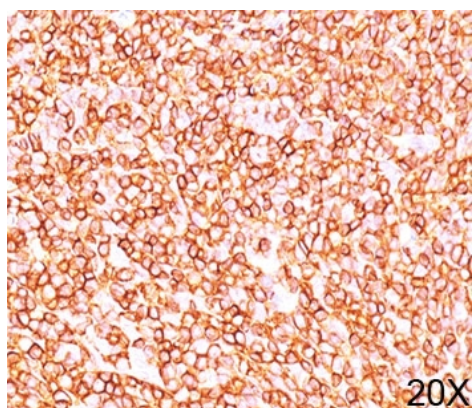
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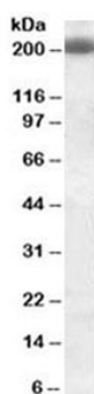
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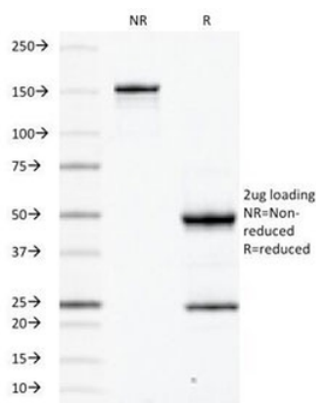
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IHC testing of human tonsil (20X) stained with PD7/26 mAb.



Western blot testing of Daudi cell lysate with CD45RB antibody (clone PD7/26). Predicted molecular weight: ~147/180~220kDa (unmodified/glycosylated).



SDS-PAGE Analysis of Purified, BSA-Free CD45RB Antibody (clone PD7/26). Confirmation of Integrity and Purity of the Antibody.

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