

CD45RB Antibody [clone PD7/26] (V2242)

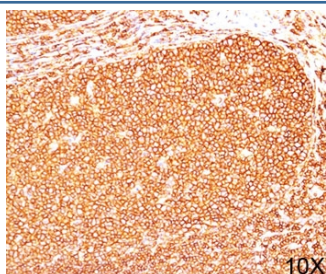
Catalog No.	Formulation	Size
V2242-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2242-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2242SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2242IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml



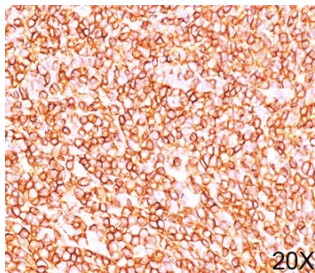
Citations (8)

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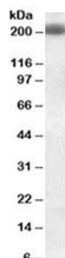
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	PD7/26
Purity	Protein G purified
Buffer	1X PBS, pH 7.4
Gene ID	5788
Localization	Cell surface and cytoplasmic
Applications	Flow Cytometry : 0.5-1ug/10 ⁶ cells Immunofluorescence : 0.5-1ug/ml Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 0.25-0.5ug/ml for 30 min at RT
Limitations	This CD45RB antibody is available for research use only.



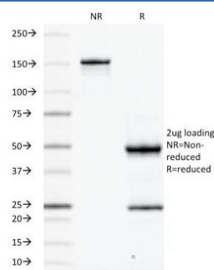
IHC testing of human tonsil (10X) stained with CD45RB antibody (PD7/26).



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.

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 ([Cat No V2243](#)).

Application Notes

Variations in protocols, secondaries and substrates may require the CD45RB antibody to be titrated 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.

Immunogen

Human peripheral blood lymphocytes maintained in T cell growth factor were used as the immunogen for this CD45RB antibody.

Storage

Store the CD45RB antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

References (2)