

CD45 Antibody [clone 136-4B5] (V2394)

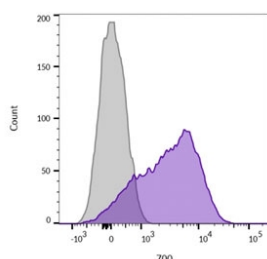
Catalog No.	Formulation	Size
V2394-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2394-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2394SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2394IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml



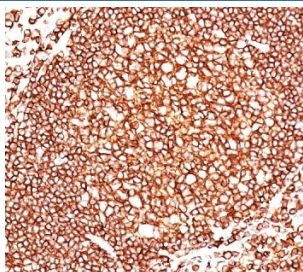
Citations (8)

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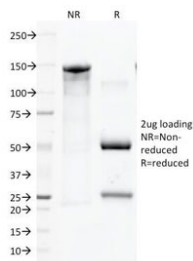
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	136-4B5
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	P08575
Localization	Cell surface and cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Flow Cytometry : 1-2ug/million cells
Limitations	This CD45 antibody is available for research use only.



Flow cytometry testing of live Jurkat cells with CD45 antibody (clone 136-4B5, purple), and unstained cells (gray).



IHC staining of FFPE human tonsil tissue with CD45 antibody (clone 136-4B5).



SDS-PAGE Analysis of Purified, BSA-Free CD45 Antibody (clone 135-4B5).
Confirmation of Integrity and Purity of the Antibody.

Description

Application Notes

Due to variation in protocol and secondary antibody used, the CD45 antibody may need to be titrated for optimal performance.

1. FFPE staining 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

Stimulated human leukocytes were used as the immunogen for the CD45 antibody.

Storage

CD45 antibody (with azide) can be stored at 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.

References (2)