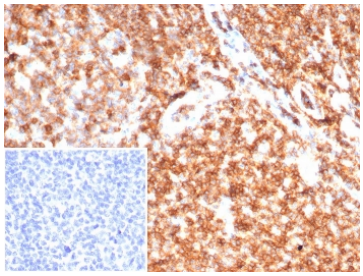
CD45 Antibody rPTPRC/7275 / Recombinant Mouse Monoclonal [clone rPTPRC/7275] (V4770)

Catalog No.	Formulation	Size
V4770-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4770-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4770SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rPTPRC/7275
Purity	Protein A/G affinity
UniProt	P08575
Localization	Cell surface, Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This CD45 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with CD45 antibody (clone rPTPRC/7275). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

CD45 Antibody rPTPRC/7275 detects CD45, also designated CD45R and PTPRC, identified as a transmembrane

glycoprotein, broadly expressed among hematopoietic cells.

CD45 is encoded by PTPRC and functions as a key regulator of leukocyte signaling and hematopoietic cell biology; additional reagents targeting this protein are available on the CD45 Antibody page.

Application Notes

Optimal dilution of the CD45 antibody should be determined by the researcher.

Immunogen

A recombinant fragment of human PTPRC protein was used as the immunogen for the CD45 antibody.

Storage

Aliquot the CD45 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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