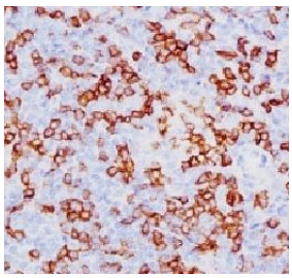
CD8a Antibody [clone SPM548] (V2386)

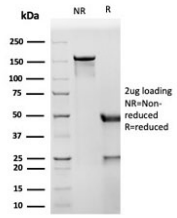
Catalog No.	Formulation	Size
V2386-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2386-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2386SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2386IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	SPM548
Purity	Protein G affinity chromatography
UniProt	P01732
Localization	Cell surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This CD8a antibody is available for research use only.



IHC testing of CD8a antibody (clone SPM548) and FFPE human tonsil tissue.



SDS-PAGE analysis of purified, BSA-free CD8a antibody (clone SPM548) as confirmation of integrity and purity.

Description

CD8 molecule consists of two chains, termed alpha and beta chain, which are expressed as a disulphide-linked heterodimer or homodimer. CD8 is expressed on T cell subset (cytotoxic/suppressor T cells), thymocytes and NK cells.

Application Notes

Variations in protocols, secondaries and substrates may require the CD8a antibody to be titered up or down for optimal performance.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA 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 CD8 recombinant protein was used as immunogen for this CD8a antibody.

Storage

CD8a antibody with azide can be stored at 2-8oC. The azide-free format should be aliquoted and stored at -20oC or colder.

References (1)