Product Datasheet

CD8 beta Rabbit mAb

Catalog No: #62254

Package Size: #62254-1 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CD8 beta Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR4560
Purification	Protein A affinity purified.
Applications	WB;IF;IHC;FC
Species Reactivity	Human
Immunogen Type	Protein
Immunogen Description	Recombinant protein within human CD8 beta
Conjugates	unconjugated
Target Name	CD8b
Uniprot	P10966
Calculated MW	24 kDa
Concentration	1ug/ul
Formulation	PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Application Details

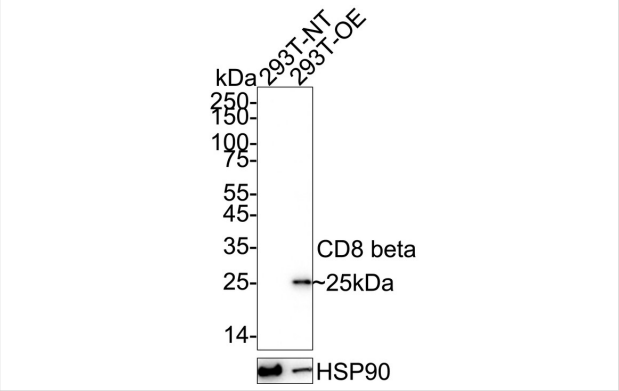
WB 1:2000;

IHC 1:200-1:1000;

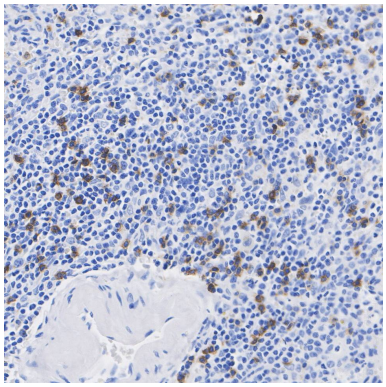
IF 1:20000;

FC 1:1000;

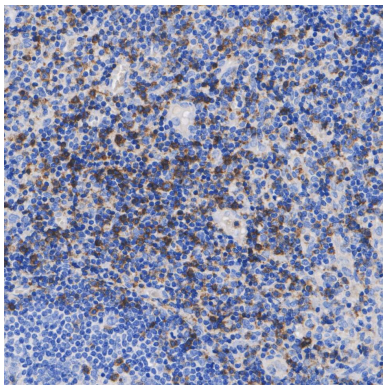
Images



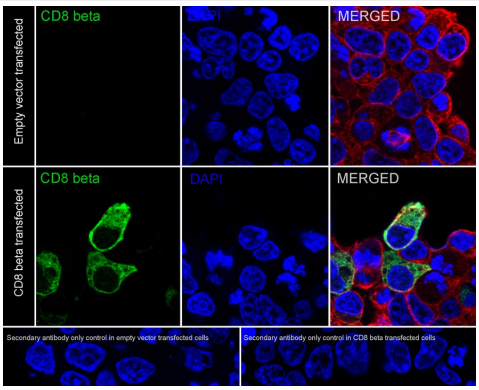
Western blot analysis of CD8 beta on different lysates with CD8 beta at 1/2,000 dilution.
Lane 1: 293T transfected with empty control cell lysate
Lane 2: 293T transfected with CD8 beta cell lysate
Lysates/proteins at 10 ug/Lane.
Predicted band size: 24 kDa
Observed band size: 25 kDa



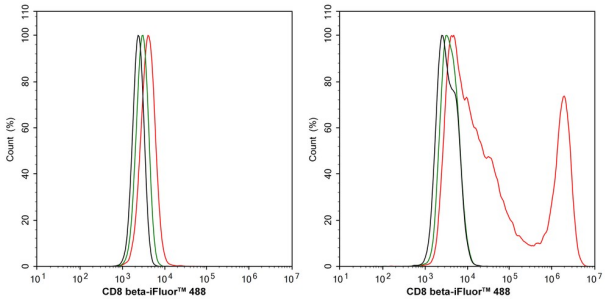
Immunohistochemical analysis of paraffin-embedded human spleen tissue with CD8 beta at 1/1,000 dilution.
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue with CD8 beta at 1/200 dilution.
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunocytochemistry analysis of 293T cells transfected with or without CD8 beta labeling at 1/20,000 dilution.
Cells were fixed in 4% paraformaldehyde for 15 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 15 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with CD8 beta at 1/20,000 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Flow cytometric analysis of 293T cells (left) / 293T cells transfected with CD8 beta (right) labeling CD8 beta.
Cells were fixed and permeabilized. Then stained with the primary antibody (1/1,000) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).

Note: This product is for in vitro research use only