

Product Datasheet

CD8 Antibody (SI18-01) NBP2-67408

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67408

CD8 Antibody (SI18-01)

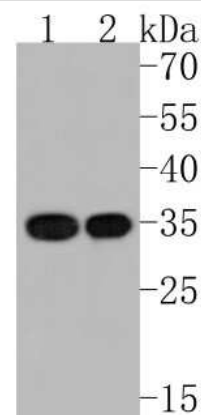
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SI18-01
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	26 kDa

Product Description	
Host	Rabbit
Gene Symbol	CD8A
Species	Human
Immunogen	Synthetic peptide within Human CD8 aa 186-235 / 235. (SwissProt: P01732 Human)

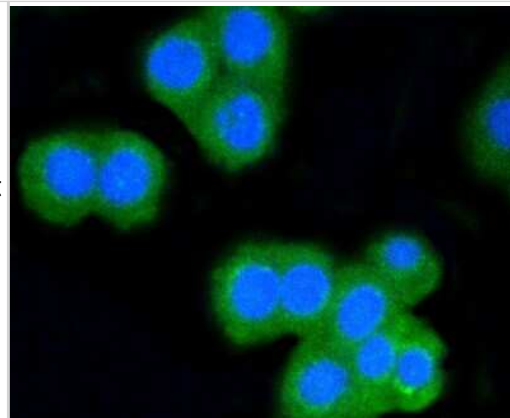
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

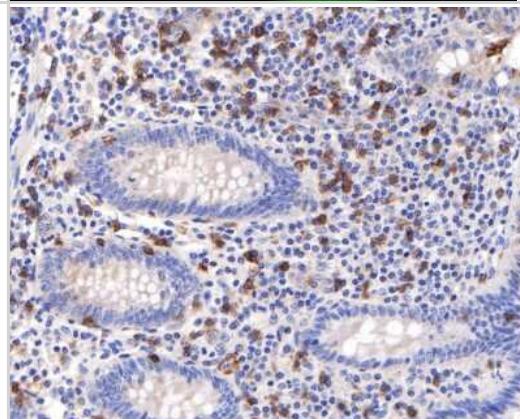
Western Blot: CD8 Antibody (SI18-01) [NBP2-67408] - Analysis of CD8 alpha on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Hela cell lysate Lane 2: LOVO cell lysate



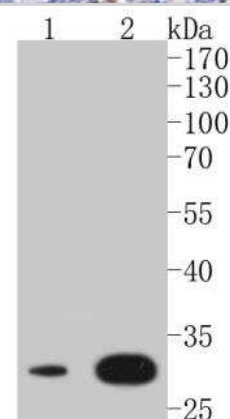
Immunocytochemistry/Immunofluorescence: CD8 Antibody (SI18-01) [NBP2-67408] - CD8 alpha Antibody (SI18-01) [NBP2-67408] - Staining CD8 alpha in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were permeabilized with 0.1% Triton X100 in TBS for 10 minutes at RT, blocked with 1% BSA for 15 minutes at RT. Cells were probed with at a 1/50 dilution for 1 hour at RT. Alexa488-conjugated goat anti-rabbit IgG used as secondary antibody at 1/1000 dilution.



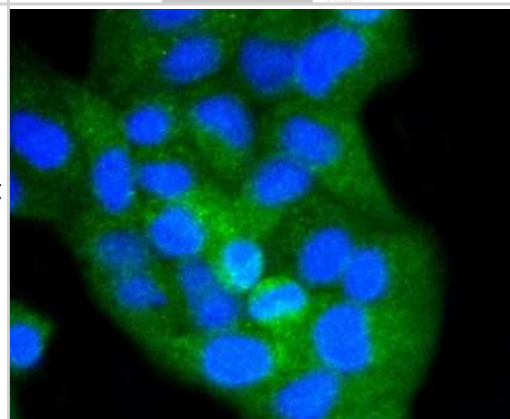
Immunohistochemistry-Paraffin: CD8 Antibody (SI18-01) [NBP2-67408] - Analysis of paraffin-embedded human appendix tissue with Rabbit anti-CD8 alpha antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/100 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



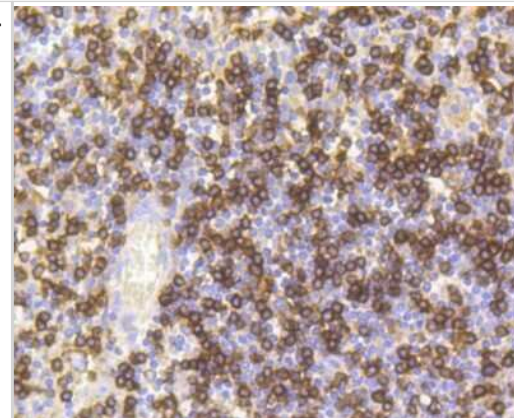
Western Blot: CD8 Antibody (SI18-01) [NBP2-67408] - Western blot analysis of CD8 Hela cell lysate (Lane 1), and LOVO cell lysate (Lane 2). Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. CD8 Antibody (SI18-01) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Bands appeared at an observed molecular weight of approximately 30 kDa.



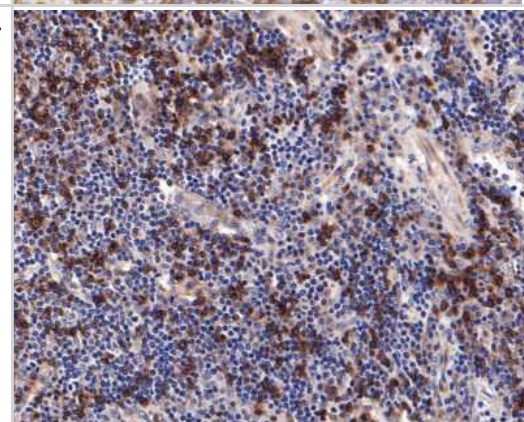
Immunocytochemistry/Immunofluorescence: CD8 Antibody (SI18-01) [NBP2-67408] - CD8 alpha Antibody (SI18-01) [NBP2-67408] - Staining CD8 alpha in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were permeabilized with 0.1% Triton X100 in TBS for 10 minutes at RT, blocked with 1% BSA for 15 minutes at RT. Cells were probed with at a 1/50 dilution for 1 hour at RT. Alexa488-conjugated goat anti-rabbit IgG used as secondary antibody at 1/1000 dilution.



Immunohistochemistry-Paraffin: CD8 Antibody (SI18-01) [NBP2-67408] - CD8 alpha Antibody (SI18-01) [NBP2-67408] - Analysis of paraffin-embedded human spleen tissue using anti-CD8 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at RT, washed with ddH₂O and PBS, and then probed with CD8 Antibody (SI18-01) at a 1/50 dilution for 30 minutes at RT. 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.



Immunohistochemistry-Paraffin: CD8 Antibody (SI18-01) [NBP2-67408] - Analysis of paraffin-embedded human lymph node tissue with Rabbit anti-CD8 alpha antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/100 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.





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