

Product Datasheet

MICB Antibody NBP2-76950

Unit Size: 100 ul

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

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NBP2-76950

MICB Antibody

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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	42 kDa

Product Description

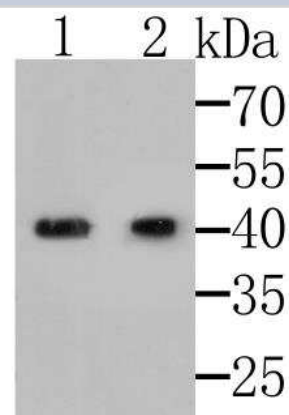
Host	Rabbit
Gene Symbol	MICB
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human MICB aa 182-325 / 383. (SwissProt: Q29980 Human; SwissProt: Q29983 Human)

Product Application Details

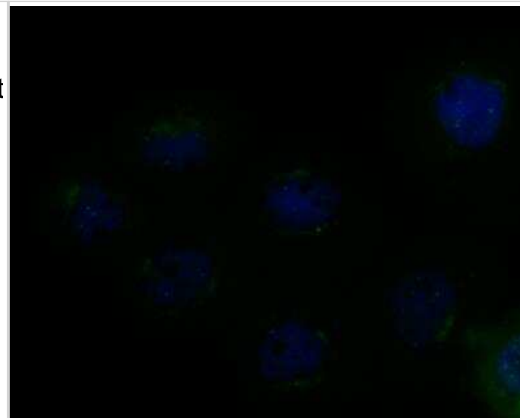
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:200

Images

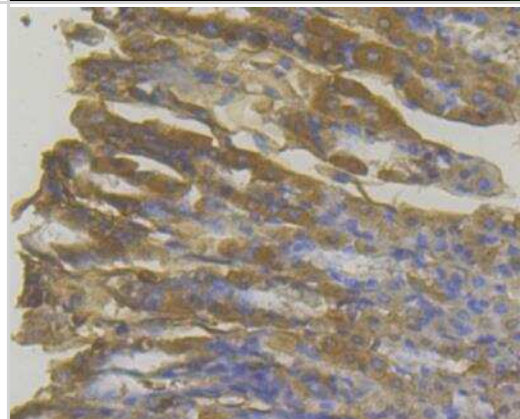
Western Blot: MICB Antibody [NBP2-76950] - Western blot analysis of MICA + MICB on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody was used at a 1:500 dilution in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: U937 Lane 2: Mouse bone marrow



Immunocytochemistry/Immunofluorescence: MICB Antibody [NBP2-76950] - ICC staining MICA + MICB in A431 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with MICA + MICB at a dilution of 1:100 for 1 hour at room temperature, washed with PBS. Alexa Fluor 488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/100 dilution. The nuclear counter stain is DAPI (blue).



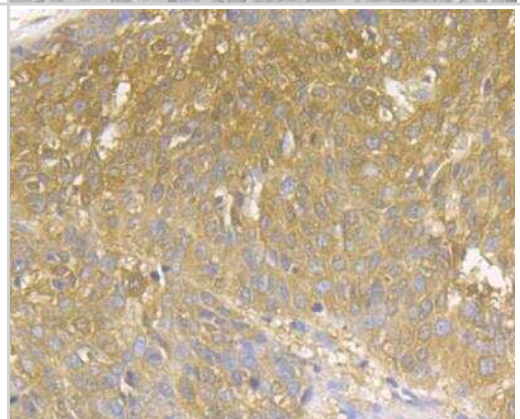
Immunohistochemistry: MICB Antibody [NBP2-76950] - Immunohistochemical analysis of paraffin-embedded mouse stomach tissue using anti-MICA + MICB antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



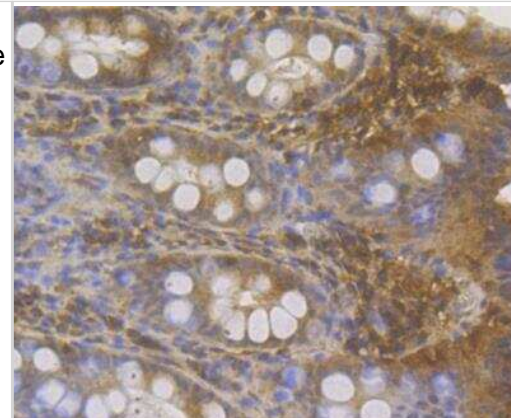
Immunohistochemistry: MICB Antibody [NBP2-76950] - Immunohistochemical analysis of paraffin-embedded rat skin tissue using anti-MICA + MICB antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/50 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



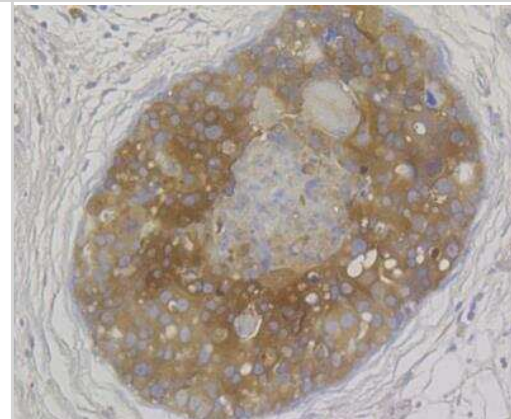
Immunohistochemistry: MICB Antibody [NBP2-76950] - Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-MICA + MICB antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/50 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



Immunohistochemistry: MICB Antibody [NBP2-76950] -
 Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-MICA + MICB 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 room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



Immunohistochemistry: MICB Antibody [NBP2-76950] -
 Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-MICA + MICB 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 room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



Publications

Lopez-Montañó M, Jimenez-Ortega L, Cruz-Hernandez TR et al. Significant increase in MIC-A and MIC-B and soluble MIC-A and MIC-B in canine lymphomas Veterinary immunology and immunopathology 2023-08-25 [PMID: 37672843] (IHC, Canine)



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