

Product Datasheet

Myeloperoxidase/MPO Antibody (JM10-58) NBP2-66964

Unit Size: 100 ul

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

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NBP2-66964

Myeloperoxidase/MPO Antibody (JM10-58)

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	JM10-58
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

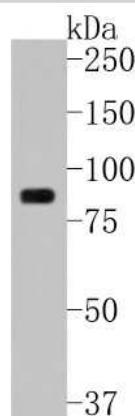
Host	Rabbit
Gene Symbol	MPO
Species	Human
Immunogen	Synthetic peptide within Human Myeloperoxidase/MPO aa 178-219 / 745. (SwissProt: P05164 Human)

Product Application Details

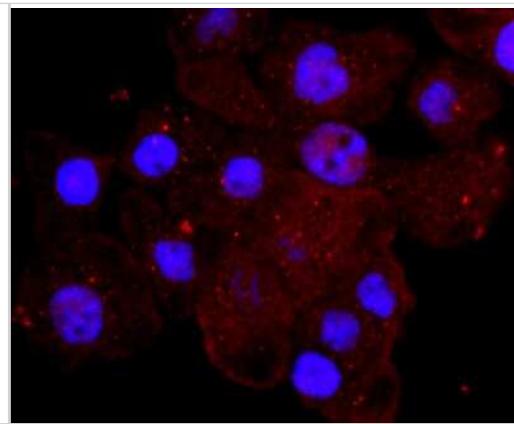
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

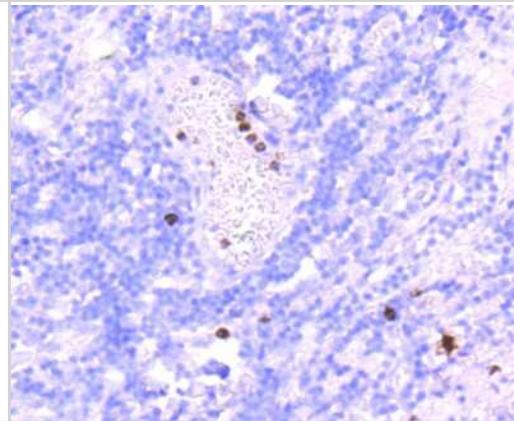
Western Blot: Myeloperoxidase/MPO Antibody (JM10-58) [NBP2-66964]
 - Western blot analysis of Myeloperoxidase/MPO on HL-60 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature.



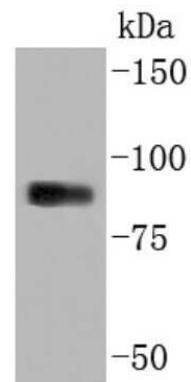
Immunocytochemistry/Immunofluorescence: Myeloperoxidase/MPO Antibody (JM10-58) [NBP2-66964] - Staining Myeloperoxidase in AGS cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



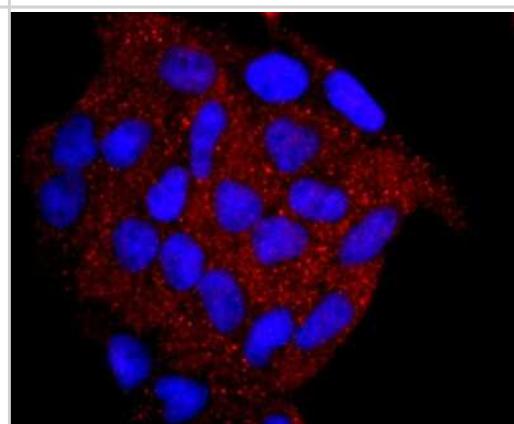
Immunohistochemistry-Paraffin: Myeloperoxidase/MPO Antibody (JM10-58) [NBP2-66964] - Analysis of paraffin-embedded human tonsil tissue using anti-Myeloperoxidase antibody. Counter stained with hematoxylin.



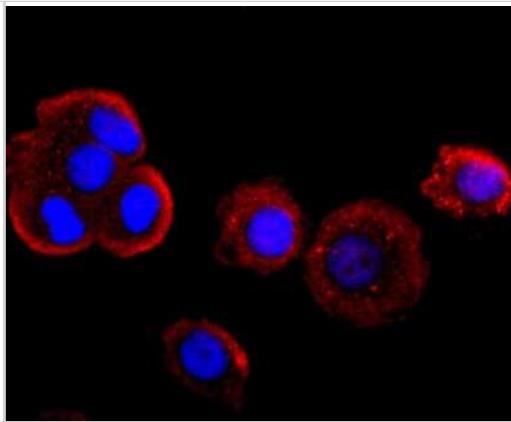
Western Blot: Myeloperoxidase/MPO Antibody (JM10-58) [NBP2-66964] - Analysis of Myeloperoxidase on HL-60 cell lysates using anti-Myeloperoxidase antibody at 1/1,000 dilution.



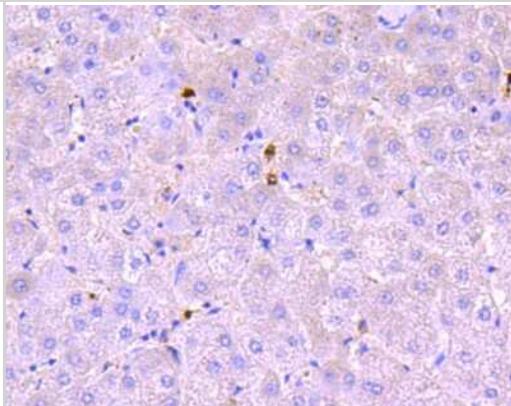
Immunocytochemistry/Immunofluorescence: Myeloperoxidase/MPO Antibody (JM10-58) [NBP2-66964] - Staining Myeloperoxidase in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



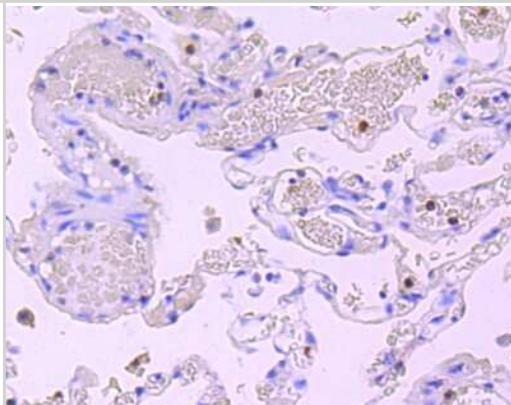
Immunocytochemistry/Immunofluorescence: Myeloperoxidase/MPO Antibody (JM10-58) [NBP2-66964] - Staining Myeloperoxidase in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



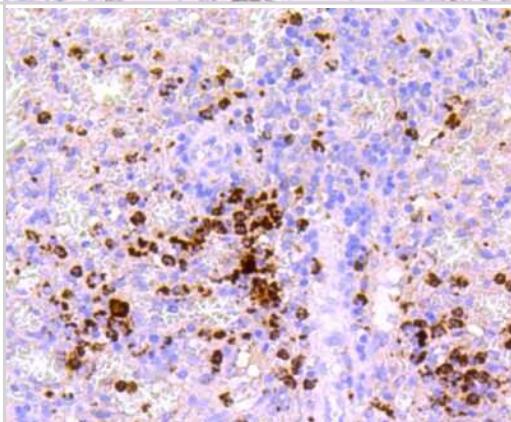
Immunohistochemistry-Paraffin: Myeloperoxidase/MPO Antibody (JM10-58) [NBP2-66964] - Analysis of paraffin-embedded human liver tissue using anti-Myeloperoxidase antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Myeloperoxidase/MPO Antibody (JM10-58) [NBP2-66964] - Analysis of paraffin-embedded human lung tissue using anti-Myeloperoxidase antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Myeloperoxidase/MPO Antibody (JM10-58) [NBP2-66964] - Analysis of paraffin-embedded human spleen tissue using anti-Myeloperoxidase antibody. Counter stained with hematoxylin.



Publications

Alhasan H, Terkawi MA, Matsumae G et al. Inhibitory role of Annexin A1 in pathological bone resorption and therapeutic implications in periprosthetic osteolysis Nature communications 2022-07-07 [PMID: 35798730] (IHC-P, Human)



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