

Product Datasheet

TNF-alpha Antibody (SPM543)

NBP2-34372-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-34372-0.1mg

TNF-alpha Antibody (SPM543)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	SPM543
Preservative	0.05% Sodium Azide
Isotype	IgM Kappa
Purity	Protein L or PEG purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	17 kDa

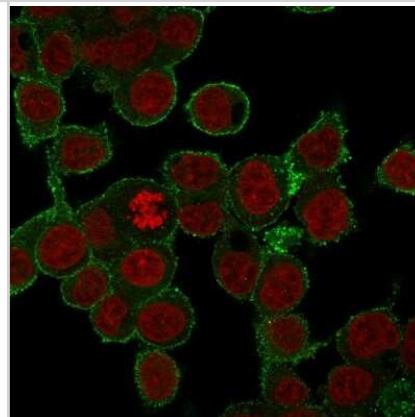
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34419) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	7124
Gene Symbol	TNF
Species	Human, Mouse, Rat, Canine, Feline, Rabbit, Zebrafish
Immunogen	A hexadecapeptide corresponding to aa115-130 of human TNF-alpha (Uniprot: P01375)

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris Buffer with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

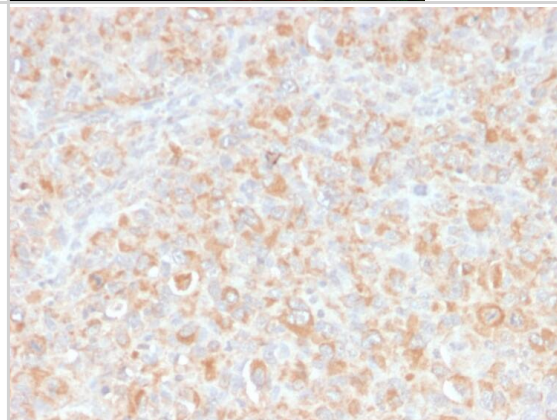


Images

Immunocytochemistry/Immunofluorescence: TNF-alpha Antibody (SPM543) [NBP2-34372] - Immunofluorescence staining of HepG2 cells using TNF-alpha Mouse Monoclonal Antibody (SPM543) followed by goat anti-mouse IgG-CF488 (green). Counterstain is RedDot.



Formalin-fixed, paraffin-embedded human histiocytoma stained with TNF-alpha Antibody (SPM543).



Publications

Ura K, Yamada K, Tsujimoto T, et al. Ultra-purified alginate gel implantation decreases inflammatory cytokine levels, prevents intervertebral disc degeneration, and reduces acute pain after discectomy Scientific reports 2021-01-12 [PMID: 33436742] (IHC-P, Rabbit)

Yudhawati R, Amin M, Rantam FA et al. Bone marrow-derived mesenchymal stem cells attenuate pulmonary inflammation and lung damage caused by highly pathogenic avian influenza A/H5N1 virus in BALB/c mice BMC Infect Dis 2020-11-11 [PMID: 33176722] (IHC-P, Mouse)

Details:
Immunohistochemical analysis of mouse lung that had been damaged by avian influenza A/H5N1.

Zilberman-Itskovich S, Abu-Hamad R, Zarura R et al. Human mesenchymal stromal cells ameliorate complement induced inflammatory cascade and improve renal functions in a rat model of ischemia-reperfusion induced acute kidney injury PLoS ONE [PMID: 31513644] (ICC/IF, Rat)

kurupati Rk, Zhou X, Xiang Z et al. Safety and immunogenicity of a potential checkpoint blockade vaccine for canine melanoma. Cancer Immunol Immunother 2018-07-26 [PMID: 30051333] (Canine)

Details:
This citation used the Azide and BSA Free version of this antibody.

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Products Related to NBP2-34372-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96975-0.5mg	Mouse IgM Kappa Light Chain Isotype Control (MMK)
NBP2-35076-10ug	Recombinant Human TNF-alpha Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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