

Product Datasheet

Cytokeratin, pan Antibody (SPM583) NBP2-34386-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-34386-0.1mg

Cytokeratin, pan Antibody (SPM583)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	SPM583
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34433) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	3848
Gene Symbol	KRT1
Species	Human, Mouse, Rat, Porcine, Amphibian, Bovine, Guinea Pig, Goat, Monkey
Reactivity Notes	Frog, Marmoset
Marker	Epithelial Marker
Specificity/Sensitivity	This monoclonal antibody recognizes cytokeratin 4, 5, 6, 8, 10, 13, and 18. This is a broad-spectrum antibody which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.
Immunogen	Keratin-enriched preparation from cultured human A431

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-4 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Flow (Intracellular)
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 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.

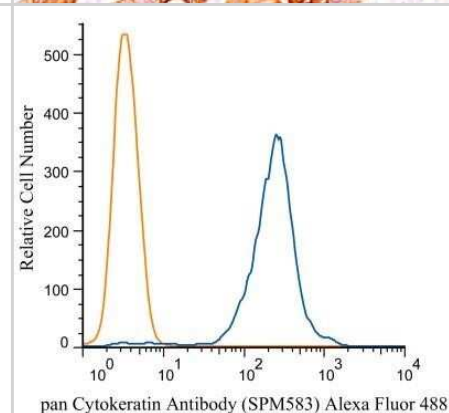


Images

Immunohistochemistry-Paraffin: Cytokeratin, pan Antibody (SPM583) [NBP2-34386] - Formalin-fixed, paraffin-embedded colon tissue (10X) stained with Cytokeratin pan antibody (SPM583).



Flow Cytometry: Cytokeratin, pan Antibody (SPM583) [NBP2-34386] - Analysis of Alexa Fluor (R) 488 conjugate of NBP2-34386. An intracellular stain was performed on HeLa cells with pan Cytokeratin (SMP583) antibody NBP2-34433AF488 (blue) and a matched isotype control NBP2-27287AF488 (orange). Cells were fixed with 4% PFA



Publications

Yu HN, Li XM, Kong LL et al. Connective tissue growth factor gene expression in goat endometrium during estrous cycle and early pregnancy Theriogenology 2020-05-08 [PMID: 32446131] (IHC-P, Goat)



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Products Related to NBP2-34386-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
DNST0	Endostatin [HRP]

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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