

Vimentin (Mesenchymal Cell Marker); Clone LN6 (Concentrate)

Availability/Contents:

<u>Item #</u>	<u>Volume</u>
RA0338-C.5	0.5 ml

Description:


Species:	Mouse
Immunogen:	Human thymic nuclear extract
Clone:	LN6
Isotype:	IgM
Entrez Gene ID:	7431 (Human)
Hu Chromosome Loc.:	10p12.33
Synonyms:	VIM
Mol. Weight of Antigen:	57-60kDa
Format:	Bioreactor Concentrate with 0.05% Azide.
Specificity:	This antibody reacts with a 58kDa protein identified as vimentin. It reacts with a non-hematopoietic epitope of vimentin and shows no cross-reaction with other closely related intermediate filament proteins (IFP's) such as desmin, keratin, neurofilament, and glial fibrillary acid protein.
Background:	Vimentin is ubiquitously expressed in mesenchymal cells such as fibroblasts, smooth muscle cells, and endothelium. An antibody against vimentin is useful as part of an antibody panel for differential diagnosis of tumors of unknown origin. This antibody does not react with leukocyte common antigen-positive tissues such as lymphomas and leukemias.
Species Reactivity:	Human, Cat, Cow, Pig, Rat, Rabbit, Mouse, and Sheep. Others not known.
Positive Control:	Jurkat cells, Sarcomas, Melanomas.
Cellular Localization:	Cytoplasmic
Titer/ Working Dilution:	Immunohistochemistry (Frozen and Formalin-fixed): 1:100-1:200 Immunofluorescence: 1:50-1:100 Western Blotting: 1:400-1:800
Microbiological State:	This product is not sterile.

Storage: 2° C  8° C



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CE

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Molsnstraat 15
2513 BH Hague, The Netherlands

Uses/Limitations: Not to be taken internally.
For Research Use Only.
This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
Do not use if reagent becomes cloudy.
Do not use past expiration date.
Non-Sterile.

Ordering Information and Current Pricing at www.scytek.com

Procedure:

1. **Tissue Section Pretreatment (Required):** Staining of formalin fixed, paraffin embedded tissue sections is significantly enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500).
2. **Primary Antibody Incubation Time:** We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.
3. **Visualization:** For maximum staining intensity we recommend the “UltraTek HRP Anti-Polyvalent Lab Pack” (ScyTek catalog# UHP125, see IFU for instructions) combined with the “DAB Chromogen/Substrate Bulk Pack (High Contrast)” (ScyTek catalog# ACV500, see IFU for instructions).


Precautions: Contains Sodium Azide as a preservative (0.09% w/v).
Do not pipette by mouth.
Avoid contact of reagents and specimens with skin and mucous membranes.
Avoid microbial contamination of reagents or increased nonspecific staining may occur.
This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.


References:

1. Stathopoulos, E., *et al.*, J. Histochem. Cytochem. 37, 1363 (1989).

Warranty:


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