

Product Datasheet

MLC1 Antibody - BSA Free NBP1-81555

Unit Size: 0.1 ml

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

www.novusbio.com



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Publications: 2

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Updated 12/2/2025 v.20.1

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NBP1-81555

MLC1 Antibody - BSA Free

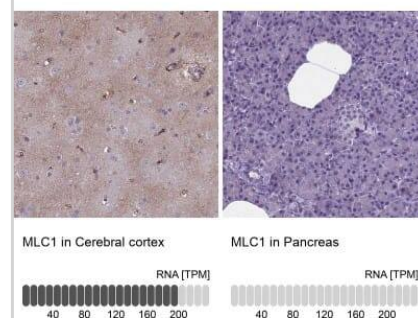
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit MLC1 Antibody - BSA Free (NBP1-81555) is a polyclonal antibody validated for use in IHC and WB. Anti-MLC1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23209
Gene Symbol	MLC1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MTQEPRFREELAYDRMPTLERGRQDPASYAPDAKPSDLQLSKRLPPCFSHK

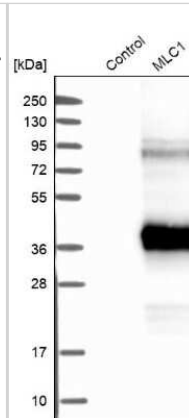
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

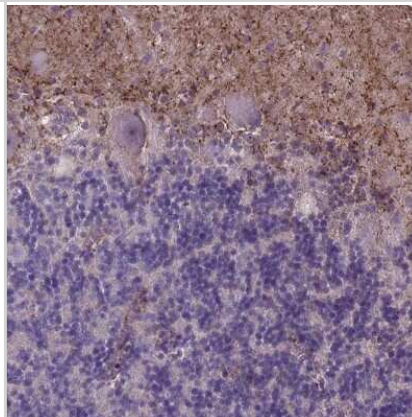
Immunohistochemistry-Paraffin: MLC1 Antibody [NBP1-81555] - Analysis in human cerebral cortex and pancreas tissues using NBP1-81555 antibody. Corresponding MLC1 RNA-seq data are presented for the same tissues.



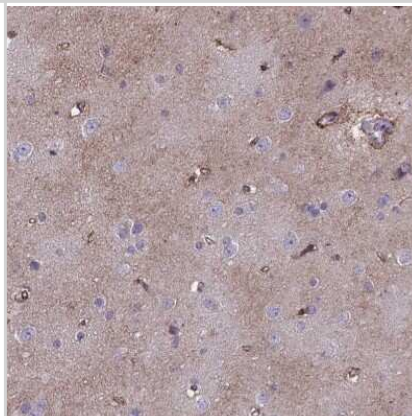
Western Blot: MLC1 Antibody [NBP1-81555] - Analysis in control (vector only transfected HEK293T lysate) and MLC1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



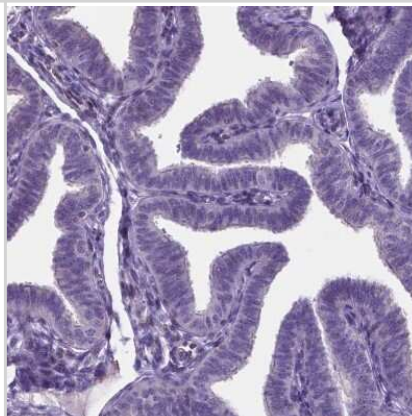
Immunohistochemistry-Paraffin: MLC1 Antibody [NBP1-81555] - Staining of human cerebellum shows moderate cytoplasmic positivity in neuropil of the molecular layer.



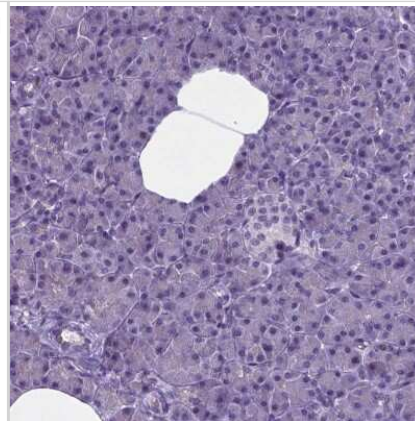
Immunohistochemistry-Paraffin: MLC1 Antibody [NBP1-81555] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neuropil.



Immunohistochemistry-Paraffin: MLC1 Antibody [NBP1-81555] - Staining of human fallopian tube shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: MLC1 Antibody [NBP1-81555] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Publications

Lattier JM, De A, Chen Z et al. Megalencephalic leukoencephalopathy with subcortical cysts 1 (MLC1) promotes glioblastoma cell invasion in the brain microenvironment *Oncogene* 2020-10-10 [PMID: 33040087]

Lanciotti A, Brignone MS, Camerini S et al. MLC1 trafficking and membrane expression in astrocytes: role of caveolin-1 and phosphorylation. *Neurobiol Dis* 2010-03-01 [PMID: 19931615]



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Products Related to NBP1-81555

NBP1-81555PEP	MLC1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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