

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



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-81555

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-81555



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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

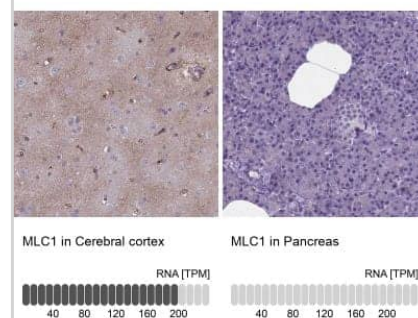
Host	Rabbit
Gene ID	23209
Gene Symbol	MLC1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MTQEPPFREELAYDRMPTLERGRQDPASYAPDAKPSDLQLSKRLPPCFSHK

Product Application Details

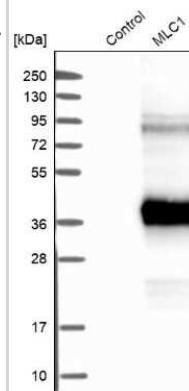
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

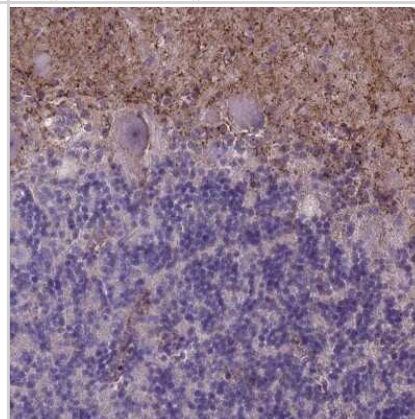
Immunohistochemistry-Paraffin: MLC1 Antibody [NBP1-81555] - Analysis in human cerebral cortex and pancreas tissues using NBP1-81555 antibody. Corresponding MLC1 RNA-seq data are presented for the same tissues.



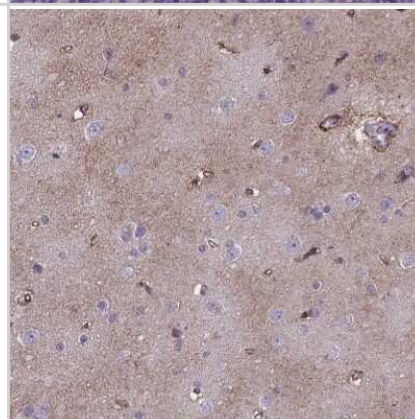
Western Blot: MLC1 Antibody [NBP1-81555] - Analysis in control (vector only transfected HEK293T lysate) and MLC1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



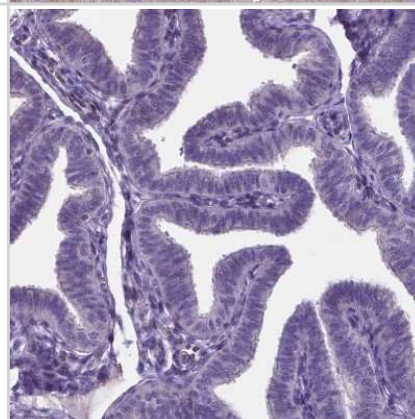
Immunohistochemistry-Paraffin: MLC1 Antibody [NBP1-81555] - Staining of human cerebellum shows moderate cytoplasmic positivity in neuropil of the molecular layer.



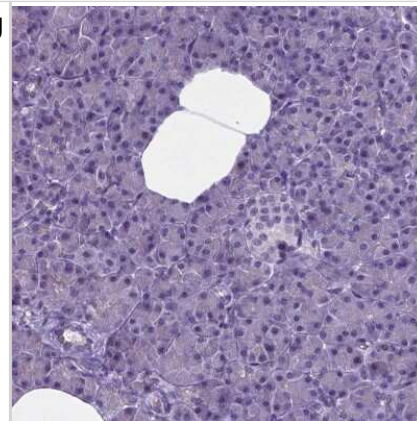
Immunohistochemistry-Paraffin: MLC1 Antibody [NBP1-81555] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neuropil.



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]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-81555

NBP1-81555PEP	MLC1 Recombinant Protein Antigen
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-81555

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

