

# Product Datasheet

## Metadherin Antibody (CL0397) - BSA Free NBP2-52929

Unit Size: 0.1 ml

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

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**NBP2-52929**

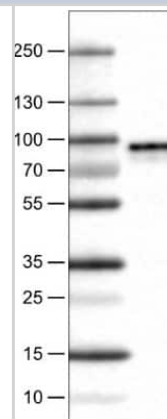
Metadherin Antibody (CL0397) - BSA Free

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	Monoclonal
Clone	CL0397
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Mouse Metadherin Antibody (CL0397) - BSA Free (NBP2-52929) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	92140
Gene Symbol	MTDH
Species	Human
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from Q86UE4, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

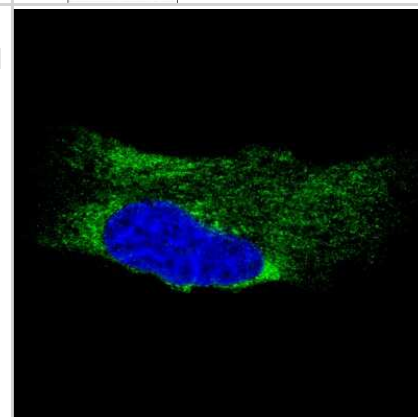


## Images

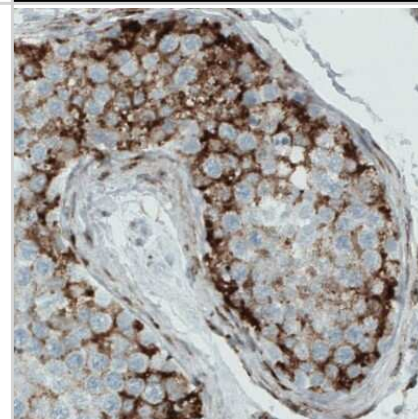
Western Blot: LYRIC Antibody (CL0397) [NBP2-52929] - Lane 1: Marker [kDa], Lane 2: Human cell line U-251 MG



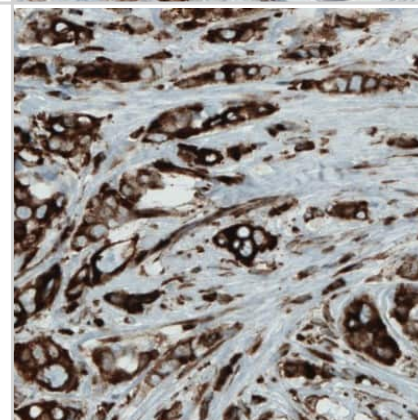
Immunocytochemistry/Immunofluorescence: LYRIC Antibody (CL0397) [NBP2-52929] - Staining of U-251 cells using the Anti-MTDH monoclonal antibody, showing specific staining in the endoplasmic reticulum in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



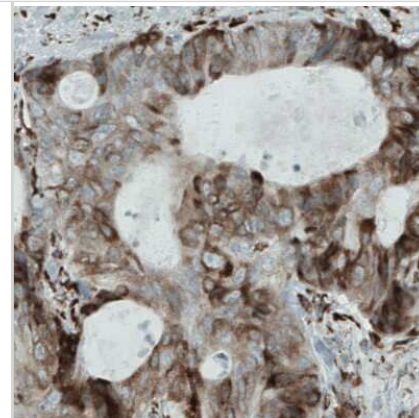
Immunohistochemistry-Paraffin: LYRIC Antibody (CL0397) [NBP2-52929] - Staining of human testis shows strong cytoplasmic positivity in seminiferous tubules.



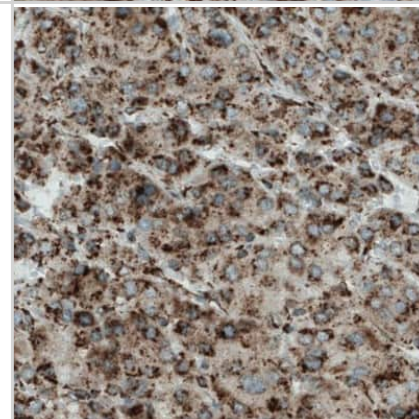
Immunohistochemistry-Paraffin: LYRIC Antibody (CL0397) [NBP2-52929] - Staining of human breast cancer shows strong cytoplasmic immunoreactivity in cancer cells.



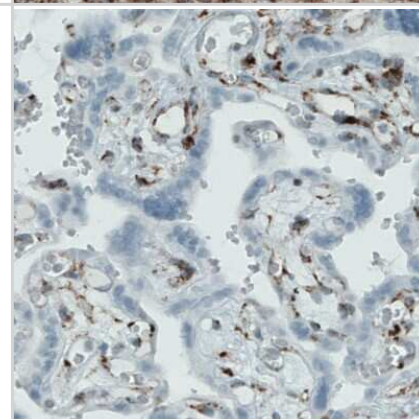
Immunohistochemistry-Paraffin: LYRIC Antibody (CL0397) [NBP2-52929] - Staining of human colorectal cancer shows cytoplasmic immunoreactivity in tumor cells.



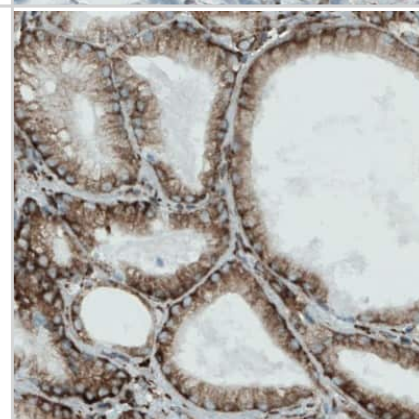
Immunohistochemistry-Paraffin: LYRIC Antibody (CL0397) [NBP2-52929] - Staining of human liver cancer shows granular cytoplasmic immunoreactivity in tumor cells.



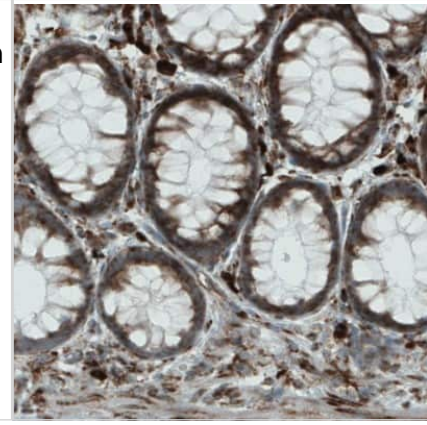
Immunohistochemistry-Paraffin: LYRIC Antibody (CL0397) [NBP2-52929] - Staining of human placenta shows absence of staining in the placental trophoblast (negative control).



Immunohistochemistry-Paraffin: LYRIC Antibody (CL0397) [NBP2-52929] - Staining of human prostate cancer shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: LYRIC Antibody (CL0397) [NBP2-52929] - Staining of human rectum shows strong cytoplasmic positivity in glandular cells.





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### **Products Related to NBP2-52929**

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NBP2-52929PEP	Metadherin Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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### **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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