

Product Datasheet

Talin1 Antibody (8D4) NB600-1029

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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NB600-1029

Talin1 Antibody (8D4)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8D4
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Raw ascites
Target Molecular Weight	230 kDa

Product Description	
Host	Mouse
Gene ID	7094
Gene Symbol	TLN1
Species	Human, Mouse, Rat, Amphibian, Chicken
Reactivity Notes	Frog. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Monoclonal anti-Talin recognizes an epitope located on the intact talin molecule (225 kDa) and the 190 kDa fragment but not on the 47 kDa fragment obtained by protease cleavage of chicken gizzard talin, when used in immunoblotting.
Immunogen	Cytoskeletal protein talin, purified from chicken gizzard.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:500, Immunoprecipitation 1:10-1:500
Application Notes	immunofluorescence and Western Blot: In WB expected bands at 225 kDa and 190 kDa. The antibody also stains a slightly higher molecular weight talin (235 kDa) of mammalian platelets. The antibody stains focal adhesions, the membrane ruffles, and ventral streaks in cultured fibroblasts of mammalian (human, rat), avian (chicken) and amphibian (Xenopus), but not fish, in indirect immunofluorescence. NB120-11188 may also be used microinjection and transfection studies. Optimal dilutions and concentrations should be determined by the end user.

Publications

Ostrowski P Macrophage Surveillance and Immunity: Eating, Drinking, and Digesting Thesis 2020-01-01 (ICC/IF, Human)

Ostrowski PP, Freeman SA, Fairn G, Grinstein S Dynamic Podosome-Like Structures in Nascent Phagosomes Are Coordinated by Phosphoinositides Dev. Cell 2019-06-06 [PMID: 31231039]





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

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

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