

Anti-Talin (Rod domain) Antibody



Product Details

Available Variants	100 µL (SKU:TM4081)
Conjugate	Unconjugated
Isotype	IgG1
Clone	8D4
Gene Name	TLN1
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100 IP: 1:100
Species Reactivity	Chicken, Frog, Human, Mouse, Rat
Immunogen	Clone 8D4 was generated from purified chicken gizzard talin. The antibody recognizes an epitope within the rod domain of talin from many species, including human, rat, mouse, chicken, and frog.
Specificity	The antibody detects a 240 kDa* protein corresponding to the molecular mass of Talin on SDS-PAGE immunoblots of human A431, rat PC12, and rabbit fibroblast cells.
Molecular Weight	240
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID P54939

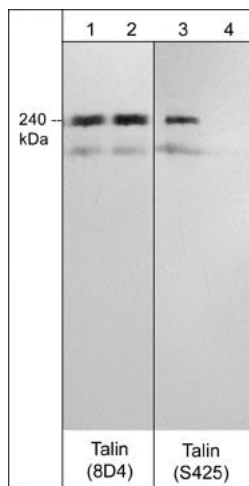
Country of Origin United States

Shipping Blue Ice

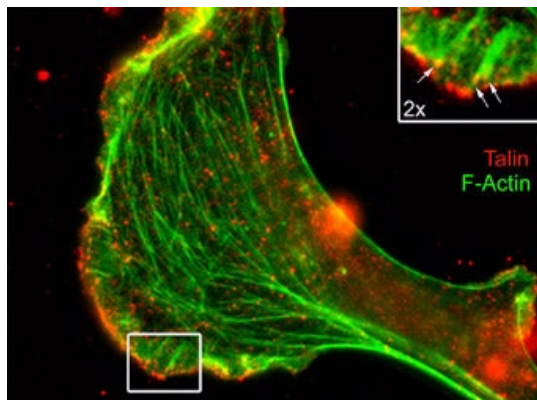
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot of rat PC12 cells stimulated with Calyculin A (100 nM) for 30 min (lanes 1-4). The blot was treated with lambda phosphatase (lanes 2 & 4), then probed with mouse monoclonal anti-Talin (8D4) (lanes 1 & 2) or rabbit polyclonal anti-Talin (Ser-425) (lanes 3 & 4) antibodies.



Immunocytochemical labeling of Talin relative to F-actin in chick fibroblasts. The cells were labeled with mouse monoclonal Talin (Rod domain) antibody (TM4081), then the antibody was detected using appropriate secondary antibody (Red). This labeling is compared to F-actin staining (Green). (Image provided by Dr. Gianluca Gallo at Drexel University).



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