

Talin Antibody FITC Conjugated

Catalog No: #C04822F

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Description

Product Name	Talin Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 1610-1660 2541 derived from human Talin 1.
Conjugates	FITC
Target Name	Talin1 + 2
Other Names	TLN 1; ILWEQ; Talin 1; Talin; TLN; TLN1; TLN 2; Talin 2; Talin 2; TLN2.
Accession No.	Swiss-Prot#Q9Y4G6, Q9Y490NCBI Gene ID7094, 83660
Uniprot	Q9Y4G6
GeneID	83660;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm, Cell membrane
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Talin, a multifunctional constituent of cell-substratum attachment sites, is a high molecular weight protein (225-270 kDa) found in variety of tissues and cell types. It is localized at a subset of adherens junctions, specialized cell-cell and cell-matrix associations that are characterized by the presence of filamentous actin at the cytoplasmic face of the junctional complex. In cultured cells, talin is absent from cell-cell junctions and found predominantly at adhesion plaques and in fibrillar streaks underlying cell surface fibronectin. Talin interacts with at least two other proteins that are localized at adhesion plaques, vinculin and integrin. Talin and vinculin have been shown to interact with each other and both have been proposed to be involved in generating the transmembrane connection, between the extracellular matrix and the cytoskeleton, that occurs at adhesion plaques. At physiological ionic strength, talin is an elongate, flexible, monomeric protein with the ability to self-associate into dimers at higher protein concentrations.

Note: This product is for in vitro research use only