



ESPN Mouse mAb

Catalog No	YP-mAb-18801
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ESPN DFNB36 LP2654
Immunogen	Synthesized peptide derived from human ESPN
Specificity	This antibody detects endogenous levels of ESPN at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	USH1M;DFNB36;LP2654;ESPN;ESPN DFNB36 LP2654;Espin (Autosomal recessive deafness type 36 protein) (Ectoplasmic specialization protein)
Observed Band	110-120kDa
Calculated Molecular Weight	92kDa
Cell Pathway	Cytoplasm, cytoskeleton . Cell projection, stereocilium . Cell projection, microvillus .
Tissue Specificity	
Function	Multifunctional actin-bundling protein. Plays a major role in regulating the organization, dimension, dynamics and signaling capacities of the actin filament-rich microvilli in the mechanosensory and chemosensory cells . Required for the assembly and stabilization of the stereociliary parallel actin bundles. Plays a crucial role in the formation and maintenance of inner ear hair cell stereocilia (By similarity). Involved in the elongation of actin in stereocilia . In extrastricular hair cells, required for targeting MYO3B to stereocilia tips, and for regulation of stereocilia diameter and staircase formation.
Background	

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images