

Anti-ICK Antibody Biotin Conjugate



Product Details

Available Variants	200 µL (SKU:75-437-BTN)
Conjugate	Biotin
Isotype	IgG1
Clone	N451/73
Gene Name	Ick
Host Species	Mouse
Concentration	Lot dependent: provided at 0.3-0.5 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	PBS with 0.09% azide
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, WB
Species Reactivity	Mouse, Rat
Immunogen	Fusion Protein Amino acids 290-629 (C-terminus) of mouse ICK (accession number Q9JKV2) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	70 kDa
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

UniProt ID	<u>Q9JKV2</u> UniProt Summary: Has an essential role in ciliogenesis, particularly in neuronal and retinal progenitor cells. Phosphorylates KIF3A. Involved in the control of ciliary length. Regulates the ciliary localization of SHH pathway components as well as the localization of IFT components at ciliary tips. May play a role in cardiac development. Regulates intraflagellar transport (IFT) speed and negatively regulates cilium length in a cAMP and mTORC1 signaling - dependent manner and this regulation requires its kinase activity.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	12 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	56542

Product Images



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