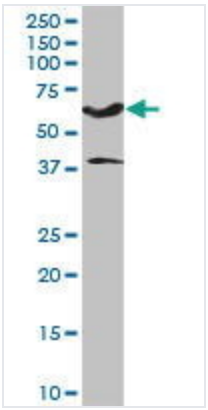
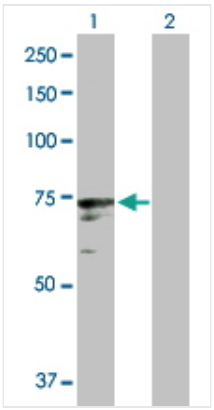
ICK Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ICK, Polyclonal Antibody
Full Product Name	ICK (Intestinal Cell Kinase, hICK, ECO, KIAA0936, Laryngeal Cancer Kinase 2, LCK2, MAK-related Kinase, MRK, MGC46090, Serine/Threonine-prote
Product Gene Name	anti-ICK antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human ICK.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human ICK, aa1-632 (NP_055735.1).
Immunogen Sequence	MNRYTTIRQLGDGTYGSVLLGRSIESGELIAIKKMKRKFYSWEECMNLREVKSLKKLNHANVVKLKEVIRENDHLYFIFEYMKENLYQLIKERNKLFPESAIR
Conjugate	APC
Note	Preservative Free
Product Categories/Family for anti-ICK antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-ICK antibody	Western Blot (WB)
Application Notes for anti-ICK antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ICK antibody	Eukaryotic protein kinases are enzymes that belong to a very extensive family of proteins which share a conserved catalytic core common with both se
Other Notes	Small volumes of anti-ICK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary
Searchable Terms for ICK purchase	MBS6381981 is an antibody targeting ICK. Also known as ICK (Intestinal Cell Kinase, hICK, ECO, KIAA0936, Laryngeal Cancer Kinase 2, LCK2, MAK-



Western Blot (WB) of anti-ICK antibody
ICK rabbit polyclonal antibody. Western Blot analysis of ICK expression in human placenta.



Western Blot (WB) of anti-ICK antibody
Western Blot analysis of ICK expression in transfected 293T cell line by ICK polyclonal antibody. Lane 1: ICK transfected lysate (71.4kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ICK. It may not necessarily be applicable to this product.

NCBI GI #	27477120
NCBI GeneID	22858
NCBI Accession #	NM_014920.2
UniProt Related Accession #	Q9UPZ9
GenBank Nucleotide #	NM_014920.2
NCBI Official Full Name	Homo sapiens intestinal cell (MAK-like) kinase (ICK), transcript variant 1, mRNA
NCBI Official Synonym Full Names	ciliogenesis associated kinase 1
NCBI Official Symbol	CILK1
NCBI Official Synonym Symbols	ECO; ICK; MRK; LCK2; hICK; EJM10
Protein Family	Serine/threonine-protein kinase
NCBI Protein Information	serine/threonine-protein kinase ICK
NCBI Summary for ICK	Eukaryotic protein kinases are enzymes that belong to a very extensive family of proteins which share a conserved catalytic core common with both serine/threonine and tyrosine protein kinases. This gene encodes an intestinal serine/threonine kinase harboring a dual phosphorylation site found in mitogen-activating protein (MAP) kinases. The protein localizes to the intestinal crypt region and is thought to be important in intestinal epithelial cell proliferation and differentiation. Alternative splicing has been observed at this locus and two variants, encoding the same isoform, have been identified. [provided by RefSeq, Jul 2008]
Research Articles on ICK	**1.** Study demonstrates that human ICK (intestinal cell kinase) that authors herein call CAPK (ciliopathy-associated protein kinase) interacts with human KIF3A and phosphorylates a conserved site Thr672 both in vitro and in vivo. Long, unstructured, non-catalytic carboxyl-terminal domain (CTD) of CAPK is required for this interaction with and phosphorylation of KIF3A.
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