

Anti-ITCH Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

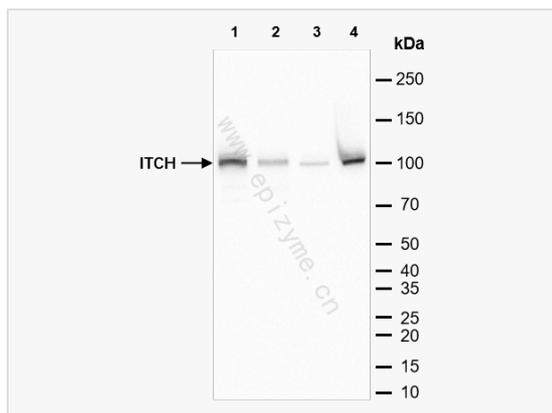
Catalog # R014177

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	70K15K56
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ITCH
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ITCH Rabbit mAb [70K15K56] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ADMFD, AIF4, AIP4, Atrophin 1 interacting protein 4, Atrophin-1-interacting protein 4, dJ468O1.1, dJ468O1.1 (atrophin 1 interacting protein 4 (AIP4)), dJ468O1.1 atrophin 1 interacting protein 4 AIP4, E3 ubiquitin protein ligase Itchy homolog, E3 ubiquitin-protein ligase Itchy homolog, EC 6.3.2, Itch, ITCH_HUMAN, Itchy E3 ubiquitin protein ligase, Itchy E3 ubiquitin protein ligase homolog, Itchy E3 ubiquitin protein ligase homolog mouse, Itchy E3 ubiquitin protein ligase, mouse, homolog of, Itchy homolog E3 ubiquitin protein ligase, Itchy mouse homolog E3 ubiquitin protein ligase, NAPP1, NFE2 associated polypeptide 1, NFE2-associated polypeptide 1, Ubiquitin protein ligase ITCH.
Calculated MW	Calculated MW: 103 kDa; Observed MW: 103 kDa
Uniprot ID	Q96J02
Gene ID	83737
Background	Involved in the negative regulation of MAVS-dependent cellular antiviral responses. Ubiquitinates MAVS through 'Lys-48'-linked conjugation resulting in MAVS proteosomal degradation. Involved in the regulation of apoptosis and reactive oxygen species levels through the ubiquitination and proteosomal degradation of TXNIP. Mediates the antiapoptotic activity of epidermal growth factor through the ubiquitination and proteosomal degradation of p15 BID.
Cellular Location	Cell membrane. Cytoplasm. Nucleus. Associates with endocytic vesicles. May be recruited to exosomes by NDFIP1.
Tissue Location	Widely expressed.



Western Blot - Anti-ITCH Rabbit mAb [70K15K56]

All lanes: R014177 at 1:1,000 dilution

Lane 1: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 2: Rat spleen whole tissue lysates

Lane 3: Mouse heart whole tissue lysates

Lane 4: Mouse brain whole tissue lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 103 kDa

Observed band size: 103 kDa

Developed using the ECL technique (Cat. No. SQ201).