

Anti-Hsc70 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

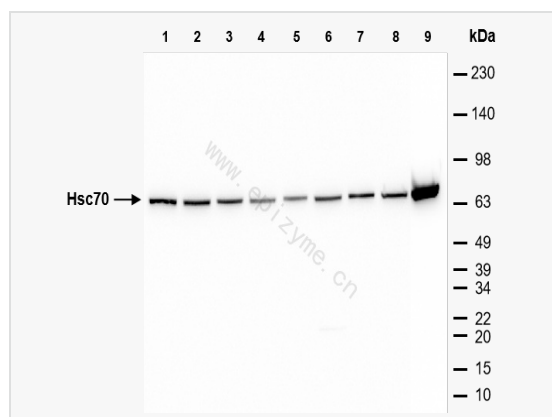
Catalog # R014265

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	10I65I95
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Hsc70
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-Hsc70 Rabbit mAb [10I65I95] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	2410008N15Rik, Constitutive heat shock protein 70, Epididymis luminal protein 33, Epididymis secretory sperm binding protein Li 72p, Heat shock 70 kDa protein 8, Heat shock 70kD protein 10, Heat shock 70kD protein 8, Heat shock 70kDa protein 8, Heat shock cognate 71 kDa protein, Heat shock cognate protein 54, Heat shock cognate protein 71 kDa, Heat shock protein 8, Heat shock protein A8, Heat shock protein family A (Hsp70) member 8, Heat-shock70-KD protein 10, formerly, HEL 33, HEL S 72p, HSC54, HSC71, Hsc73, HSP71, HSP73, HSP7C_HUMAN, HSPA10, HSPA8, LAP1, Lipopolysaccharide associated protein 1, LPS associated protein 1, LPS associated protein, MGC102007, MGC106514, MGC114311, MGC118485, MGC131511, MGC29929, N-myristoyltransferase inhibitor protein 71, NIP71.
Calculated MW	Calculated MW: 71 kDa; Observed MW: 71 kDa
Uniprot ID	P11142
Gene ID	3312
Background	Acts as a repressor of transcriptional activation. Inhibits the transcriptional coactivator activity of CITED1 on Smad-mediated transcription. Chaperone. Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing.
Cellular Location	Cytoplasm. Melanosome. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Translocates rapidly from the cytoplasm to the nuclei, and especially to the nucleoli, upon heat shock. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Tissue Location	Ubiquitous.



Western Blot - Anti-Hsc70 Rabbit mAb [10I65I95]

All lanes: R014265 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 6: Rat heart whole tissue lysates

Lane 7: Rat muscle whole tissue lysates

Lane 8: Rat spleen whole tissue lysates

Lane 9: Mouse brain whole tissue lysates

Lysates/proteins at 10 µg per lane.

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

Predicted band size: 71 kDa

Observed band size: 71 kDa

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