热休克蛋白 71 单克隆抗体

产品货号： mlR33213

英文名称： HSC70

中文名称： 热休克蛋白 71 单克隆抗体

别　　名： 2410008N15Rik; Constitutive heat shock protein 70; 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-shock70-KD protein 10, formerly; 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; HSC 70；HSC-70.

研究领域： 肿瘤　细胞生物　免疫学　信号转导　转录调节因子

抗体来源： Mouse

克隆类型： Monoclonal

克 隆 号 10A8

交叉反应： Human, Mouse, Rat,

产品应用： IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 71kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： Recombinant human HSC70 Protein:

亚　　型： IgG

纯化方法： affinity purified by Protein G

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]

Function:

Acts as a repressor of transcriptional activation. Inhibits the transcriptional coactivator activity of CITED1 on Smad-mediated transcription. Chaperone. Isoform 2 may function as an endogenous inhibitory regulator of HSC70 by competing the co-chaperones.

Subunit:

Interacts with HSPH1/HSP105. Interacts with IRAK1BP1 (By similarity). Identified in a mRNP granule complex, at least composed of ACTB, ACTN4, DHX9, ERG, HNRNPA1, HNRNPA2B1, HNRNPAB, HNRNPD, HNRNPL, HNRNPR, HNRNPU, HSPA1, HSPA8, IGF2BP1, ILF2, ILF3, NCBP1, NCL, PABPC1, PABPC4, PABPN1, RPLP0, RPS3, RPS3A, RPS4X, RPS8, RPS9, SYNCRIP, TROVE2, YBX1 and untranslated mRNAs. Interacts with PACRG and TSC2. Interacts with BAG1. Interacts with SV40 VP1. Interacts with DNAJC7 (By similarity). Interacts with HERC5. Interacts with CITED1 (via N-terminus); the interaction suppresses the association of CITED1 to p300/CBP and Smad-mediated transcription transactivation.

Subcellular Location:

Cytoplasm. Melanosome.

Tissue Specificity:

Ubiquitous.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR. ISGylated.

Similarity:

Belongs to the heat shock protein 70 family.

SWISS:

P11142

Gene ID:

3312

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.