

Product Datasheet

HSP70 (5G10) Monoclonal Antibody GRP627

Description

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins. [provided by RefSeq, Jul 2008].

Species/Host

Mouse

Reactivity

Human, Mouse

Conjugation

Unconjugated

Tested Applications

IHC-P, WB

Immunogen

KLH conjugated synthetic peptide derived from human HSP70

Form/Appearance

Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.

Concentration

1ug/ul

Storage

Store at -20°C for 12 months.

Note

For research use only.

Isotype

IgG

Clonality

Monoclonal

Purity

Purified by Protein G.

Clone ID

5G10

Uniprot ID

P0DMV9, P0DMV8

Entrez

3303, 3304

Dilution Range

WB: 1:300-1000, IHC-P: 1:200-400

