

Recombinant

DGRmAb®

**Hsp70 (DGR11921) Rabbit mAb**

db14019

Package : 10µL 20µL 50µL 100µL

**Product Name** : Hsp70 (DGR11921) Rabbit mAb**Cat.No.:** db14019**Synonyms** : HSP72; HSPA1; HSP70I; HSP70-1; HSP70.1; HSP70-1A; HEL-S-103**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

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]

**Immunogen**

A synthetic peptide of human Hsp70

**Gene ID**

3303

**Swiss Prot**

P0DMV8

**Synonyms**

HSP72; HSPA1; HSP70I; HSP70-1; HSP70.1; HSP70-1A; HEL-S-103

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:200-1:1000

FC: 1:20

**Calculated MW**

70 kDa

**Observed MW**

70 kDa

**Host species**

Rabbit

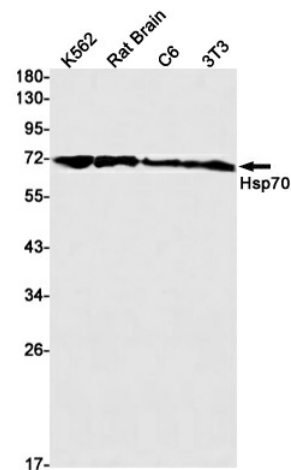
**Clonality**

Monoclonal

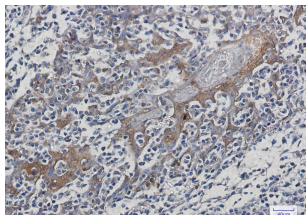
**Clonality No.**

DGR11921

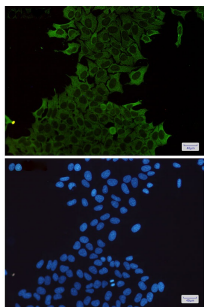
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Hsp70 in K562,Rat Brain,C6,3T3 cell lysates using Hsp70 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using db14019 antibody.



Immunofluorescent analysis of HeLa cells using db14019 antibody (green), and DAPI (blue).