A Reliable Research Partner in Life Science and Medicine

Recombinant Hsp70 Monoclonal Antibody

catalog number: AN301055L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Hsp70 protein

Host Rabbit Isotype IgG,ĸ Clone B810 **Purification** Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

1:400-1000 **IHC** 1:1000-5000 WB

Data

140-100-70-40-35-25-

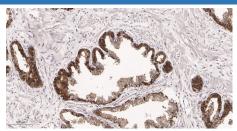
Western Blot with Recombinant Hsp70 Monoclonal Antibody

at dilution of 1:1000 dilution. Lane A: A172 cells.

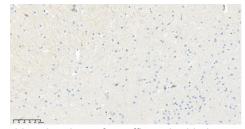
Observed-MW:70 kDa Calculated-MW:70 kDa



Immunohistochemistry of paraffin-embedded mouse brain tissue using Recombinant Hsp70 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human prostate tissue using Recombinant Hsp70 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded mouse brain using Recombinant Hsp70 Monoclonal Antibody at dilution of 1:200.

Rev. V1.1

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjuction 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.

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017 Web: www.elabscience.com Email: techsupport@elabscience.com