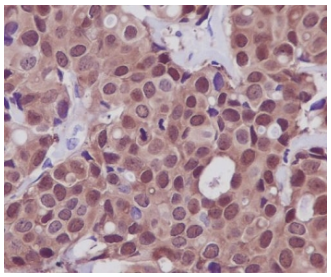
HSP70 Antibody / HSPA1A / HSPA1B [clone DGE-8] (RQ5314)

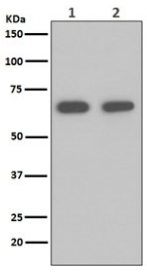
Catalog No.	Formulation	Size
RQ5314	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	DGE-8
Purity	Affinity purified
UniProt	P0DMV8
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:100-1:500
Limitations	This HSP70 antibody is available for research use only.



IHC staining of FFPE human breast tissue with HSP70 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Western blot testing of human 1) K562 and 2) 293T cell lysate with HSP70 antibody. Expected molecular weight ~70 kDa.

Description

The 70 kilodalton heat shock proteins (Hsp70s or DnaK) are a family of conserved ubiquitously expressed heat shock proteins. Proteins with similar structure exist in virtually all living organisms. The Hsp70s are an important part of the cell's machinery for protein folding, and help to protect cells from stress. [Wiki]

Application Notes

Optimal dilution of the HSP70 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human HSPA1A/B was used as the immunogen for the HSP70 antibody.

Storage

Store the HSP70 antibody at -20oC.

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