

## HSP70 (Phospho-Tyr41) Antibody FITC Conjugated

Catalog No: #C00769F

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## Description

Product Name	HSP70 (Phospho-Tyr41) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt, ICC, IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 15-65 641 derived from human HSP70 around the phosphorylation site of Tyr41
Conjugates	FITC
Target Name	HSP70 Tyr41
Other Names	HSP70 phospho 41; HSP70 phospho Y41; p-HSP70 Tyr41; p-HSP70 Y41; HSP70; HSP-70; HSP 70; Heat shock 70 kDa protein 1; heat shock 70kDa protein 1A; Heat shock 70kDa protein 1B; Heat shock induced protein; heat shock protein 70; HSP70 1; HSP70 2; HSP70.1; HSP72; HSPA1; HSPA1A; HSPA1B; XXbac BCX40G17.3
Accession No.	Swiss-Prot#P0DMV8NCBI Gene ID33033304
Uniprot	P0DMV9
GeneID	3303;3304;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

Flow-Cyt=1:50-200 ICC=1:50-200 IF=1:50-200

## 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].

Note: This product is for in vitro research use only