

Recombinant

DGRmAb®

Hsp105 (DGR14032) Rabbit mAb

db15453

Package : 10µL 20µL 50µL 100µL

Product Name : Hsp105 (DGR14032) Rabbit mAb**Cat.No.:** db15453**Synonyms** : HSP105; HSP105A; HSP105B; NY-CO-25**Application** : WB, IHC-P, ICC/IF, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the heat shock protein 70 family of proteins. The encoded protein functions as a nucleotide exchange factor for the molecular chaperone heat shock cognate 71 kDa protein (Hsc70). In addition, this protein plays a distinct but related role as a holdase that inhibits the aggregation of misfolded proteins, including the cystic fibrosis transmembrane conductance regulator (CFTR) protein. Elevated expression of this protein has been observed in numerous human cancers. [provided by RefSeq, Mar 2017]

Immunogen

A synthetic peptide of human Hsp105

Gene ID

10808

Swiss Prot

Q92598

Synonyms

HSP105; HSP105A; HSP105B; NY-CO-25

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, IP

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:50-1:200

ICC/IF: 1:100-1:200

IP: 1:10-1:100

Calculated MW

97 kDa

Observed MW

105 kDa

Host species

Rabbit

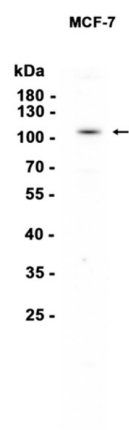
Clonality

Monoclonal

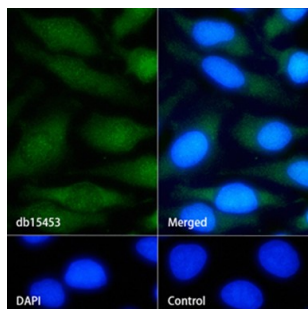
Clonality No.

DGR14032

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 analysis of extracts from MCF-7 cells using db15453 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Hsp105 with db15453.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15453 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.