

Allgemeine Informationen

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| Katalog-Nr.: 67563-1-Ig | GenBank-Zugangsnummer: BC000478 | Reinigungsmethode: Protein-A-Reinigung |
| Größe: 150ul , Konzentration: 1800 µg/ml von3313 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): heat shock 70kDa protein 9 (mortalin) | CloneNo.: 2B12F2 |
| Wirt: Maus | Berechnete Masse: 74 kDa | Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:500-1:2000 |
| Isotyp: IgG2a | Beobachtete Masse: 75 kDa | |
| Immunogen Katalognummer: AG7125 | | |

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, 4T1-Zellen, HEK-293-Zellen, Jurkat-Zellen, K-562-Zellen, NIH/3T3-Zellen

IHC : humanes Mammakarzinomgewebe,

Hintergrundinformationen

GRP75 (also known as mortalin, HSPA9 or mt-Hsp70) is a constitutively expressed member of the HSPA (HSP70) family of heat-shock proteins. It is located in the mitochondrial matrix and anti-GRP75 is commonly used as the marker for mitochondria. It has been reported that GRP75 is enriched in cancer cells and contributes to carcinogenesis. In addition, decreased expression level of GRP75 has been found in neurodegenerative disorders like Parkinson's disease. (PMID: 21640711, 22920904)

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

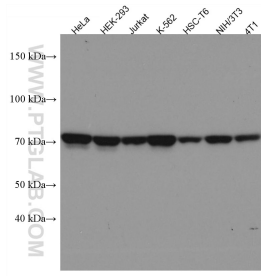
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

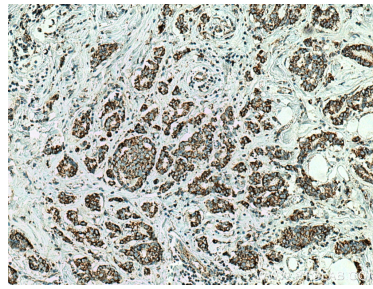
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67563-1-Ig (GRP75 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67563-1-Ig (GRP75 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).