

Allgemeine Informationen

Katalog-Nr.: 66723-1-Ig	GenBank-Zugangsnummer: BC037553	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1700 µg/ml von10808 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): heat shock 105kDa/110kDa protein 1	CloneNo.: 3H5A5
Wirt: Maus	Berechnete Masse: 858 aa, 97 kDa	Empfohlene Verdünnungen: WB 1:5000-1:20000 IHC 1:500-1:2000 IF 1:50-1:500
Isotyp: IgG1	Beobachtete Masse: 110 kDa	
Immunogen Katalognummer: AG27521		

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : HeLa-Zellen, HEK-293-Zellen, Jurkat-Zellen, MCF-7-Zellen IHC : Maushodengewebe, IF : HeLa-Zellen,
Getestete Reaktivität: Human, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

HSP105, also known as HSP110 or HSPH1, belongs to the heat shock protein (HSP) family. Human HSP105 is a high-molecular-weight chaperone protein expressed at constitutively low levels as a cytoplasmic α -isoform and as an inducible nuclear β -isoform on exposure to various forms of stress. HSP105 is constitutively overexpressed in several solid tumors, including melanoma, breast, thyroid, and gastroenteric cancers, and exerts antiapoptotic functions. Recently HSP105 has been identified as a novel candidate biomarker of lymphoma aggressiveness. Western blot analysis using this antibody detected the phosphorylated protein around 110 kDa in various lysates.

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

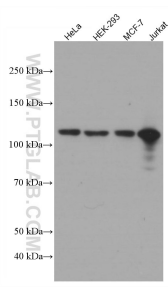
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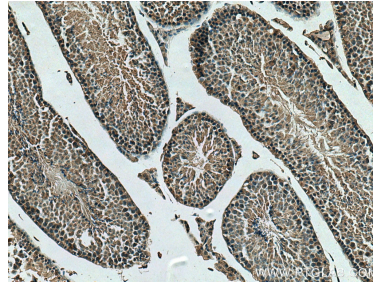
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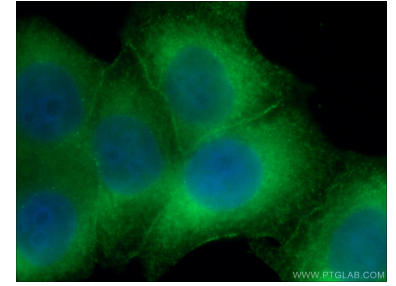
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 66723-1-Ig (HSPH1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66723-1-Ig (HSPH1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 66723-1-Ig (HSPH1 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).