

Nur für Forschungszwecke

HSP70 Monoklonaler Antikörper

Katalog-Nr.:CL488-66183



Allgemeine Informationen

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|--|---|--|
| Katalog-Nr.: CL488-66183 | GenBank-Zugangsnummer: BC009322 | Reinigungsmethode: Protein-G-Reinigung |
| Größe: 100ul , Konzentration: 1000 µg/ml von3303 | GeneID (NCBI): von3303 | CloneNo.: 4E7E5 |
| Nanodrop; | Vollständiger Name: heat shock 70kDa protein 1A | Empfohlene Verdünnungen: IF 1:50-1:500 |
| Wirt: Maus | Berechnete Masse: 70 kDa | Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm |
| Isotyp: IgG1 | Beobachtete Masse: 65-70 kDa | |
| Immunogen Katalognummer: AG19111 | | |

Anwendungen

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|---|---|
| Geprüfte Anwendungen: FC (Intra), IF | Positivkontrollen: IF : HEK-293-Zellen, |
| Getestete Reaktivität: Hefe, Human, Maus, Ratte | |

Hintergrundinformationen

HSPA1A , collectively known as HSP70 (also referred to HSP72), is a stress-inducible member of heat-shock protein 70 (HSP70) proteins which are highly conserved chaperons implicated in protein folding, protein refolding, protein transport, and protein targeting. Encoded by two closely linked, intronless and stress-inducible genes, HSPA1A and HSPA1B differ by only two amino acids and are believed to be fully interchangeable proteins. HSPA1A is a cytosol nuclear protein able to translocate between cytoplasm and nucleus. Generally, HSPA1A is thought to be expressed in unstressed normal cells at low or undetectable levels. Expression of HSPA1A protein can be highly activated by various stressful stimuli. Significant up-regulation of HSPA1A has been found in various tumors. Recently it has been reported that HSPA1A can be constitutively expressed in selected cell types. HSP70 is also used as exosomal marker. This antibody well recognized the endogenous HSP70 protein in multiple cell lines. (21373891)

Lagerung

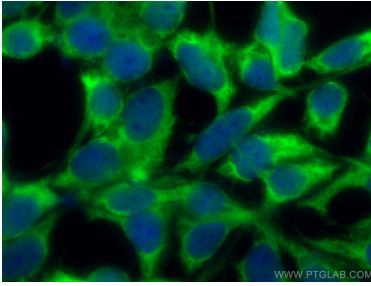
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

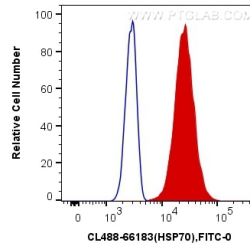
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CoraLite® Plus 488 HSP70 antibody (CL488-66183, Clone: 4E7E5) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human HSP70 (CL488-66183, Clone:4E7E5) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).