

Nur für Forschungszwecke

Sestrin 2 Monoklonaler Antikörper

Katalog-Nr.:CL488-66297

Vorgestelltes Produkt



Allgemeine Informationen

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|--|------------------------------------|---|
| Katalog-Nr.: CL488-66297 | GenBank-Zugangsnummer: BC013304 | Reinigungsmethode: Protein-G-Reinigung |
| Größe: 100ul, Konzentration: 1000 µg/ml von83667 Nanodrop; | GeneID (NCBI): von83667 | CloneNo.: 1A1A4 |
| Wirt: Maus | Vollständiger Name: sestrin 2 | Empfohlene Verdünnungen: IF 1:50-1:500 |
| Isotyp: IgG1 | Berechnete Masse: 54 kDa | Anregungs-/Emissionsmaxima- Wellenlängen: 493 nm / 522 nm |
| Immunogen Katalognummer: AG20638 | Beobachtete Masse: 54 kDa | |

Anwendungen

| | |
|---|---|
| Geprüfte Anwendungen: FC (Intra), IF | Positivkontrollen: IF : HeLa-Zellen, |
| Getestete Reaktivität: Hausschwein, Human, Ratte | |

Hintergrundinformationen

Sestrins, including sestrin-1 (PA26), sestrin-2 (Hi95), and sestrin-3, are 48 to 65 kDa cystein sulfinyl reductases and they modulate peroxide signaling and antioxidant defense. These proteins selectively reduce or repair hyperoxidized forms of typical 2-Cys peroxiredoxins within eukaryotes. Expression of these proteins is regulated by p53, a tumor suppressor protein. Sestrin 2 is implicated in the regulation of cell survival, in cellular responses to different stress conditions, and also acts as a positive regulator of autophagy. Sestrin 2 is approximately a 57.6kDa protein (480 amino acids).

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:

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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 HeLa cells using CoraLite® Plus 488 Sestrin 2 antibody (CL488-66297, Clone: 1A1A4) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Sestrin 2 (CL488-66297, Clone:1A1A4) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).