

Allgemeine Informationen

Katalog-Nr.: CL488-67956	GenBank-Zugangsnummer: BC015799	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von840 Nanodrop;	GeneID (NCBI): Vollständiger Name: caspase 7, apoptosis-related cysteine peptidase	CloneNo.: 3C9H4 Anregungs-/Emissionsmaxima- Wellenlängen: 493 nm / 522 nm
Wirt: Maus	Berechnete Masse: 303 aa, 34 kDa	
Isotyp: IgG2a	Beobachtete Masse: 35 kDa	
Immunogen Katalognummer: AG27601		

Anwendungen

Geprüfte Anwendungen:
FC (Intra)
Getestete Reaktivität:
Human, Maus

Hintergrundinformationen

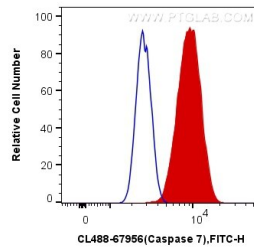
Caspase 7(CASP7), like caspases 3 and 6, contains a short prodomain and, upon apoptotic induction, the 35 kDa proform is converted into a 32 kDa intermediate or preactive form which is further processed into two active subunits consisting of the p20 or large (18 kDa) subunit and the p10 or small (11 kDa) subunit and it is present in the brain, which is up-regulated and activated after traumatic injury(PMID:15953353). Caspase-7 is classified as a member of the subgroup of cysteine proteases most related to the Caenorhabditis elegans factor CED-3, which also includes caspase-3, -6, and -9(PMID:9426061). The protein is involved in the activation cascade of caspases responsible for apoptosis execution.

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**

Ausgewählte Validierungsdaten



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Caspase 7 (CL488-67956, Clone:3C9H4) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).