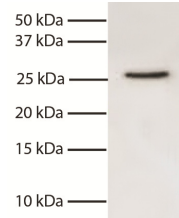




Mouse Anti-Human FADD

Cat. No.	Format	Size
10941-01	Purified (UNLB)	0.1 mg
10941-05	Horseradish Peroxidase (HRP)	1.0 mL
10941-25	Sepharose® 4B (SEPH)	50 tests



Total cell lysates from Jurkat cells were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-Human FADD-UNLB (SB Cat. No. 10941-01). Proteins were visualized using Goat Anti-Mouse IgG, Human ads-HRP (SB Cat. No. 1030-05) secondary antibody and chemiluminescent detection.

Overview

Clone	1A11
Isotype	Mouse (BALB/c) IgG _{1κ}
Immunogen	Recombinant FADD
Specificity	Human FADD
Alternate Name(s)	FAS-associated death domain protein, GIG3, MGC8528, MORT1

Description

Fas-associated death domain (FADD, also known as MORT1) is an important apoptosis adapter molecule involved in the Fas-mediated cell death pathway. FADD associates with the intracellular domain of FAS (CD95/APO-1) through their respective C-terminal death domains (DD). The N-terminal region of FADD contains a death effectors domain (DED) which recruits and binds cytosolic proteins such as FLICE/caspase-8. The subsequent activation of FLICE by proteolytic cleavage leads to the activation of the caspase-mediated (ICE-related proteases) apoptotic cascade. Overexpression of FADD induces apoptosis which is inhibited by CrmA, a specific inhibitor of the interleukin-1 β -converting enzyme. FADD has also been shown under certain circumstances to promote cell survival and proliferation.

Applications

ELISA – Quality tested
 WB – Quality tested
 IP – Quality tested

Working Dilutions

ELISA	Purified (UNLB) antibody	$\leq 0.5 \mu\text{g/mL}$
Immunoblotting	HRP conjugate	1:4,000 – 1:8,000
Immunoprecipitation	SEPH conjugate	40 μL
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

For Research Use Only. Not for Diagnostic or Therapeutic Use.

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 0.2 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The Sepharose[®] 4B (SEPH) conjugate is supplied as 50 tests in 2.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C. Shake well before use.
- Reagents are stable for the period shown on the label if stored as directed.

Sepharose[®] is a registered trademark of GE Healthcare.

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