Anti-FADD Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015928

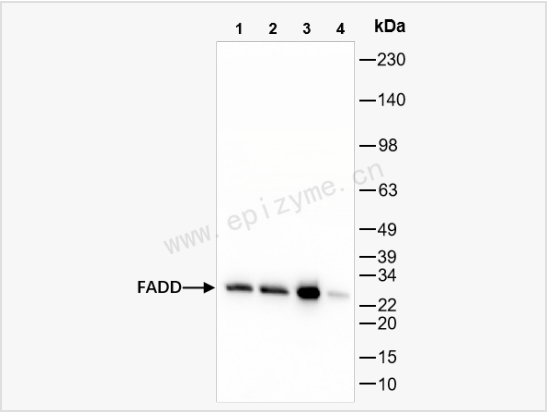
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	23E44D72
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of full length human FADD
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-FADD Rabbit mAb [23E44D72] is for research use only and not for use in diagnostic or therapeutic procedures.

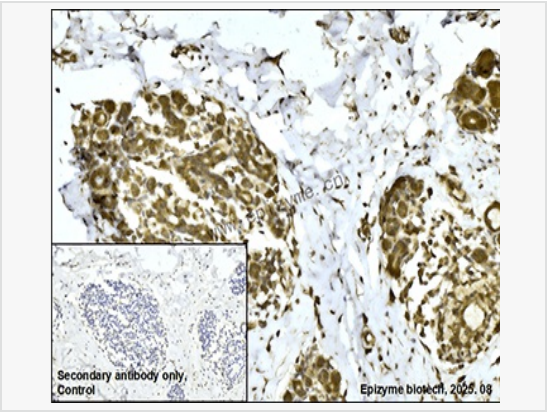
Protein Information

Synonyms	MORT1; GIG3; FADD; FAS-associated death domain protein; FAS-associating death domain-containing protein; Growth-inhibiting gene 3 protein; Mediator of receptor induced toxicity.
Calculated MW	Calculated MW: 23 kDa; Observed MW: 23 kDa
Uniprot ID	Q13158
Gene ID	8772
Background	The protein encoded by this gene is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. Through its C-terminal death domain, this protein can be recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and thus it participates in the death signaling initiated by these receptors. Interaction of this protein with the receptors unmasks the N-terminal effector domain of this protein, which allows it to recruit caspase-8, and thereby activate the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. [provided by RefSeq, Jul 2008]
Tissue Location	Expressed in a wide variety of tissues, except for peripheral blood mononuclear leukocytes.

Validation Images



Western Blot - Anti-FADD Rabbit mAb [23E44D72]
All lanes: R015928 at 1:1,000 dilution
Lane 1: Ball-1 (Human B lymphocyte acute leukemia cell) whole cell lysates
Lane 2: K562 (Human chronic myeloid leukemia cell) whole cell lysates
Lane 3: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lane 4: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 23 kDa
Observed band size: 23 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-FADD Rabbit mAb [23E44D72]
Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R015928 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.