

Product datasheet for **AM09009PU-N**

FADD Mouse Monoclonal Antibody [Clone ID: J1D2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	J1D2
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western blot (1:500 - 1,000). Immunohistochemistry on paraffin sections (1:50 - 1:100).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant human FADD (1-208 aa) purified from E. coli
Specificity:	The antibody recognizes human FADD. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Fas associated via death domain
Database Link:	Entrez Gene 8772 Human Q13158



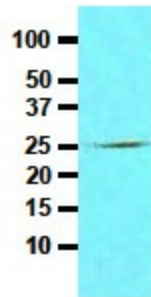
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Background:

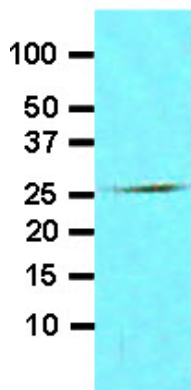
FADD (Fas-associated protein with death domain) is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. This protein is implicated in survival/proliferation and cell cycle progression. FADD functions are also regulated via cellular sublocalization, protein phosphorylation, and inhibitory molecules.

Synonyms:

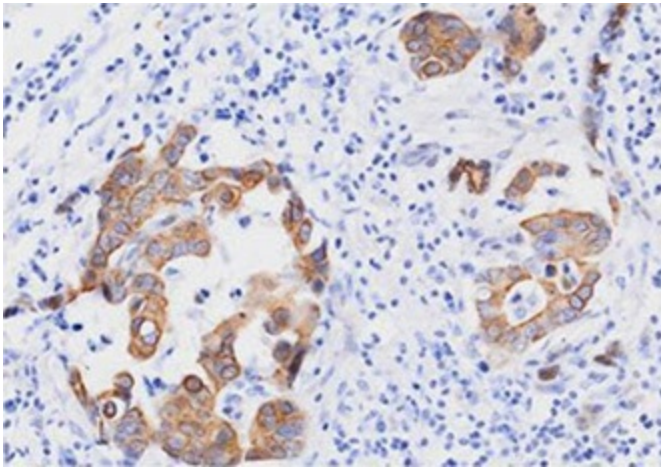
FAS-associated death domain protein, MORT1, GIG3

Product images:


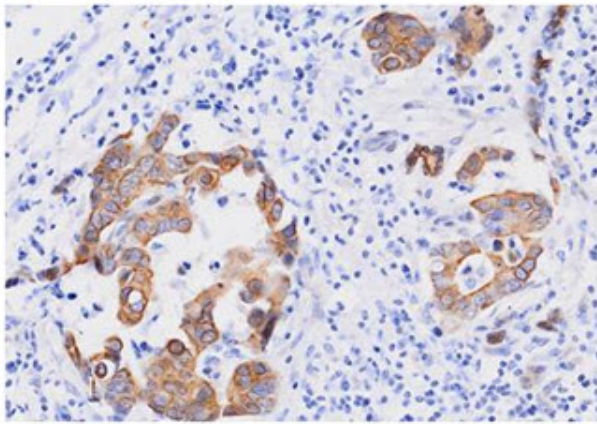
Cell lysates of Jurkat (30ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human FADD (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Jurkat


Western blot analysis on Jurkat cells: Cell lysates of Jurkat (30 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human FADD (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Paraffin embedded sections of human breast cancer tissue were incubated with anti-human FADD (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB)



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Human breast cancer tissue