

Product datasheet for **TA321602S**

FADD Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Mouse spleen tissue and RAW264.7 cells IHC: 50-100 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	Fas associated via death domain
Database Link:	NP_003815 Entrez Gene 14082 Mouse Entrez Gene 8772 Human Q13158



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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.

Synonyms:

GIG3; MORT1

Protein Families:

Druggable Genome

Protein Pathways:

Alzheimer's disease, Apoptosis, Pathways in cancer, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway

Product images:

Gel: 8+12%SDS-PAGE

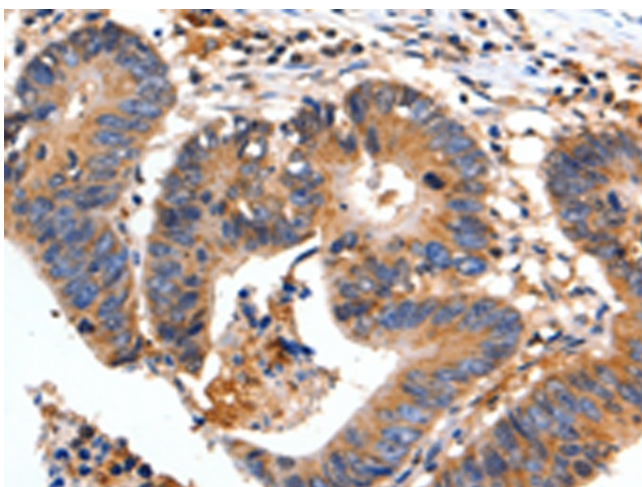
Lysate: 30 µg

Lane 1-2: Mouse spleen tissue
RAW264.7 cells

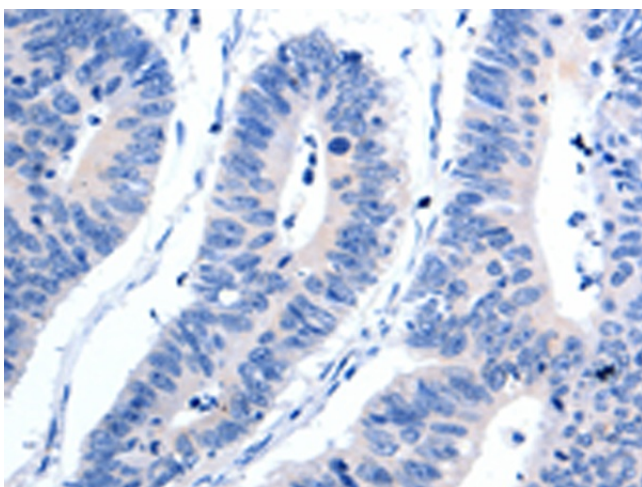
Primary antibody: [TA321602] (FADD Antibody) at
dilution 1/550

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

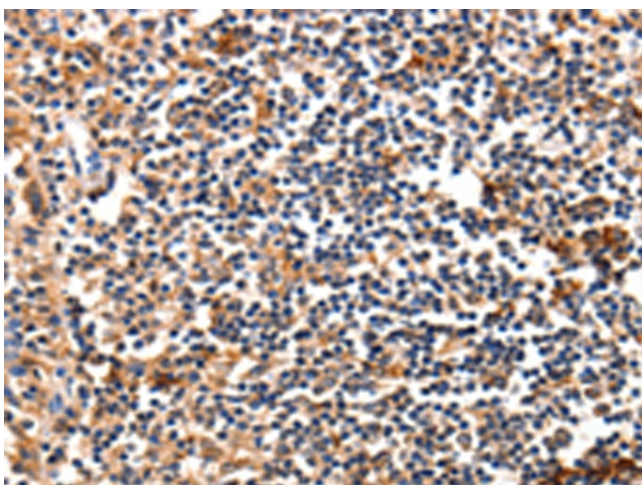
Exposure time: 5 seconds



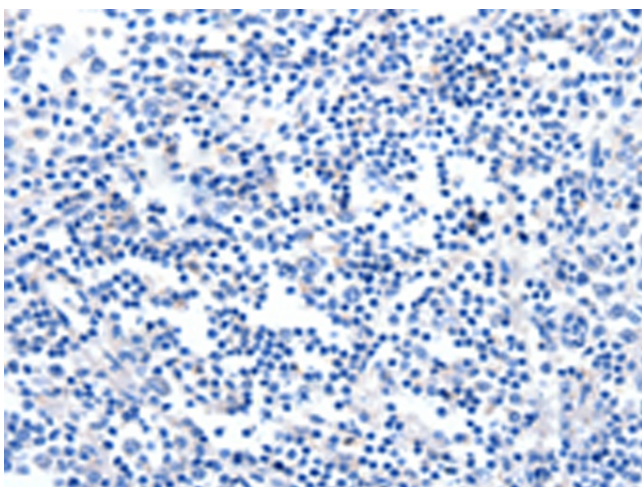
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA321602] (FADD Antibody) at dilution 1/35 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA321602] (FADD Antibody) at dilution 1/35, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA321602] (FADD Antibody) at dilution 1/35 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA321602] (FADD Antibody) at dilution 1/35, treated with fusion protein. (Original magnification: $\times 200$)