Data Sheet (Cat.No.TMAC-01423)

Anti-Phospho-FADD (Ser191) Polyclonal Antibody

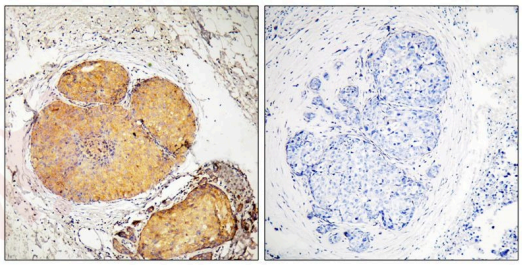
Product Details

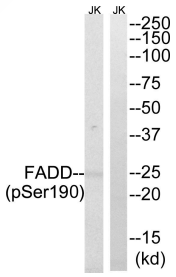
Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 25 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using FADD (Phospho-Ser191) antibody TMAC-01423 (left) or the same antibody preincubated with blocking peptide (right).
2. Western blot analysis of extracts from Jurkat cells treated with PMA using FADD (Phospho-Ser191) Antibody TMAC-01423. The lane on the right is treated with the antigen-specific peptide.





Application:	IHC,WB
Recommended	WB: 1:500-1000; IHC: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of Serine191(N-R-S(p)-G-A) derived from Mouse FADD
Antigen Species:	Mouse
Uniprot ID:	Q13158
Synonyms:	p-FADD (S191);FADD (p-Ser191);p-FADD (Ser191);FADD (p-S191)

Research 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.

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