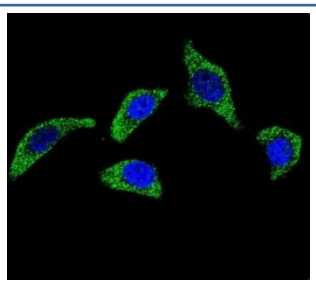
TNFR1 Polyclonal Antibody (F41335)

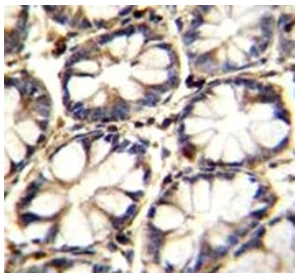
Catalog No.	Formulation	Size
F41335-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41335-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

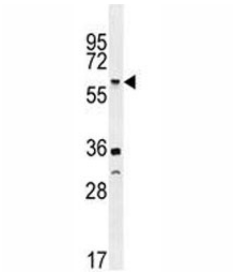
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P19438
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100 Immunofluorescence: 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This TNFR1 Polyclonal Antibody is available for research use only.



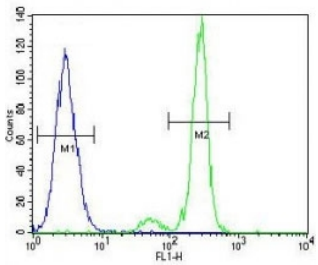
Confocal immunofluorescent analysis of TNFR1 Polyclonal Antibody with U-251MG cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



TNFR1 Polyclonal Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue.



TNFR1 Polyclonal Antibody western blot analysis in U251 lysate. Predicted molecular weight ~51kDa.



TNFR1 Polyclonal Antibody flow cytometric analysis of A549 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is one of the major receptors for the tumor necrosis factor-alpha. This receptor can activate NF-kappaB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with this receptor, and thus play regulatory roles in the signal transduction mediated by the receptor. Germline mutations of the extracellular domains of this receptor were found to be associated with the autosomal dominant periodic fever syndrome. The impaired receptor clearance is thought to be a mechanism of the disease.

Explore our TNFR1 Antibody (R32696) for additional research into TNF receptor signaling, inflammation, and programmed cell death, with Western blot validation using HeLa wild-type and TNFRSF1A knockout cell lysates.

Application Notes

Titration of the TNFR1 Polyclonal Antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 17-43 from the human protein was used as the immunogen for this TNFR1 antibody.

Storage

Aliquot the TNFR1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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