

## ARG56706 anti-TNFR2 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes TNFR2
Tested Reactivity	Hu
Tested Application	ELISA, ICC/IF, Neut, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TNFR2
Species	Human
Immunogen	E.coli derived Recombinant Human sTNF Receptor Type II. (MAPEPGSTCR LREYYDQTAQ MCCSKCPGQ HAKVFCTKTS DTVCDSCEDS TYTQLWNWVP ECLSCGSRCS SDQVETQACT REQNRICR PGWYCALSKQ EGCRLCAPLR KCRPGFGVAR PGTETSDVVC KPCAPGTFSN TTSSTDICRP HQICNVVAIP GNASMDAVCT STSP)
Conjugation	Un-conjugated
Alternate Names	TNFR1B; CD antigen CD120b; p75; CD120b; p75TNFR; TNF-R-II; TNFBR; TBP-II; TNFR80; TBP-2; TNFR2; Tumor necrosis factor receptor 2; Tumor necrosis factor receptor type II; Etanercept; Tumor necrosis factor receptor superfamily member 1B; TNFR-II; TNF-R75; TNF-R2; TNF-RII; p80 TNF-alpha receptor

### Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG56815 as a detection antibody
	ICC/IF	1.0 - 3.0 µg/ml
	Neut	15.0 - 20.0 µg/ml (To yield [ND50] of the biological activity of Human sTNF Receptor - II (0.5 µg/ml) )
	WB	0.1 - 2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 7133 Human</a> <a href="#">Swiss-port # P20333 Human</a>
Gene Symbol	TNFRSF1B
Gene Full Name	tumor necrosis factor receptor superfamily, member 1B
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways. [provided by RefSeq, Jul 2008]
Function	Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity. [UniProt]
Calculated Mw	48 kDa
PTM	Phosphorylated; mainly on serine residues and with a very low level on threonine residues. A soluble form (tumor necrosis factor binding protein 2) is produced from the membrane form by proteolytic processing.

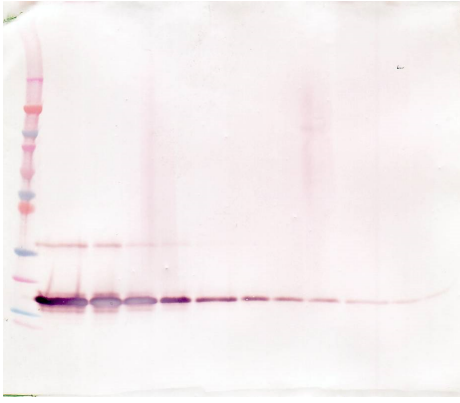
## Images

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ARG56706 anti-TNFR2 antibody WB image

Western blot: 250 - 0.24 ng of Human sTNF-receptor II stained with ARG56706 anti-TNFR2 antibody, under reducing conditions.



ARG56706 anti-TNFR2 antibody WB image

Western blot: 250 - 0.24 ng of Human sTNF-receptor II stained with ARG56706 anti-TNFR2 antibody, under non-reducing conditions.