

## ARG40873 anti-TNFR2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes TNFR2
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TNFR2
Species	Human
Immunogen	Synthetic peptide derived from Human TNFR2.
Conjugation	Un-conjugated
Alternate Names	TNFR1B; CD antigen CD120b; p75; CD120b; p75TNFR; TNF-R-II; TNFBR; TBPII; 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
	FACS	1:50
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	IP	1:50
	WB	1:500 - 1:2000
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 purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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.

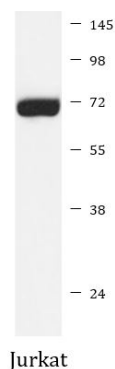
**Note**

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

## Bioinformation

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. [UniProt]
Cellular Localization	Isoform 1: Cell membrane; Single-pass type I membrane protein. Isoform 2: Secreted. Tumor necrosis factor-binding protein 2: Secreted. [UniProt]

## Images



ARG40873 anti-TNFR2 antibody WB image

Western blot: Jurkat cell lysate stained with ARG40873 anti-TNFR2 antibody.