

ARG53674 anti-TNFR2 antibody

Package: 500 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TNFR2
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TNFR2
Species	Mouse
Immunogen	Synthetic peptide derived from C-terminus of mouse TNF-R2.
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	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>IHC-P</td><td>1:50</td></tr></tbody></table>	Application	Dilution	IHC-P	1:50
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IHC-P	1:50				
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Incubation Time: 30 min at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	Liver Carcinoma, Thymus				

Properties

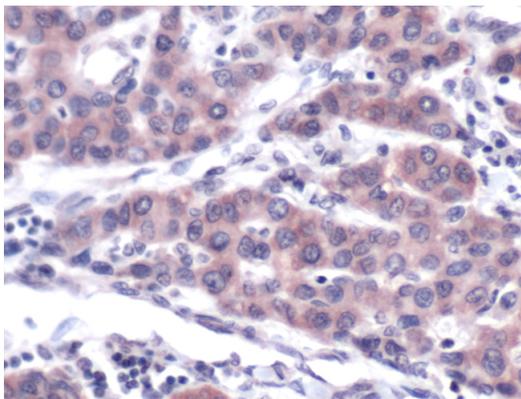
Form	Liquid
Purification	Immunogen affinity purified
Buffer	PBS (pH 7.6), 1% BSA and < 0.1% Sodium azide
Preservative	< 0.1% Sodium azide
Stabilizer	1% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or 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

Database links	GeneID: 7133 Human Swiss-port # P20333 Human
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 (By similarity). [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Immune System antibody; Neuroscience antibody; Signaling Transduction antibody
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.
Cellular Localization	Cytoplasm

Images



ARG53674 anti-TNFR2 antibody IHC-P image

Immunohistochemistry: Human Liver Carcinoma stained with ARG53674 anti-TNFR2 antibody.