

ARG66051 anti-CD255 / TWEAK antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CD255 / TWEAK
Tested Reactivity	Hu
Tested Application	ELISA, Neut
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CD255 / TWEAK
Species	Human
Immunogen	E. coli derived recombinant Human CD255 / TWEAK. (MKGRKTRARR AIAAHYEVHP RPGQDGAQAG VDGTVSGWEE ARINSSSPLR YNRQIGEFIV TRAGLYLYLC QVHFDEGKAV YLKLDDLLVDG VLALRCLEEF SATAASSLGP QLRLCQVSGL LALRPGSSLR IRTLPAWHLK AAPFLTYFGL FQVH)
Conjugation	Un-conjugated
Alternate Names	APO3L; DR3LG; TWEAK; TNLG4A

Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG66052 as a detection antibody
	Neut	0.1 - 0.2 µg/ml (To yield [ND50] of the biological activity of hTWEAK (200 ng/ml))
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

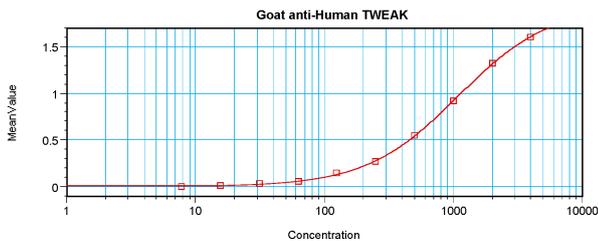
Properties

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

Gene Symbol	TNFSF12
Gene Full Name	TNF superfamily member 12
Background	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine, which exists in both membrane-bound and secreted forms, can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. Alternative splicing results in multiple transcript variants. Some transcripts skip the last exon of this gene and continue into the second exon of the neighboring TNFSF13 gene; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq, Oct 2010]
Function	Binds to FN14 and possibly also to TNRF5/APO3. Weak inducer of apoptosis in some cell types. Mediates NF-kappa-B activation. Promotes angiogenesis and the proliferation of endothelial cells. Also involved in induction of inflammatory cytokines. Promotes IL8 secretion. [UniProt]
Calculated Mw	27 kDa
Cellular Localization	Plasma membrane; Extracellular region or secreted. [UniProt]

Images



ARG66051 anti-CD255 / TWEAK antibody standard curve image

Sandwich ELISA: ARG66051 anti-CD255 / TWEAK antibody as a capture antibody at 0.5 - 2.0 µg/ml combined with [ARG66052](#) anti-CD255 / TWEAK antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.