

ARG66052 anti-CD255 / TWEAK antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Goat Polyclonal antibody recognizes CD255 / TWEAK
Tested Reactivity	Hu
Tested Application	ELISA
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 YLKL DLLVDG VLALRCLLEEF SATAASSLGP QLRLCQVSG LALRPGSSLR IRTL PWAHLK AAPFLTYFGL FQVH)
Conjugation	Biotin
Alternate Names	APO3L; DR3LG; TWEAK; TNLG4A

Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66051 as a capture antibody
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

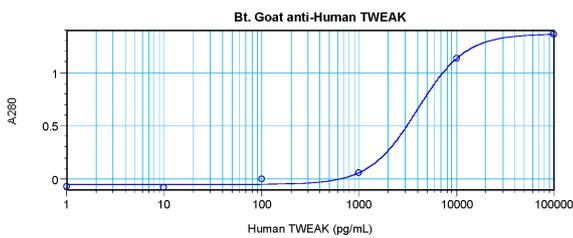
Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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

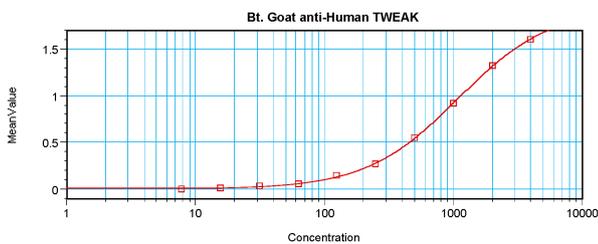
Gene Symbol	TNFSF12
Gene Full Name	TNF superfamily member 12
Background	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but 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



ARG66052 anti-CD255 / TWEAK antibody (Biotin) standard curve image

Direct ELISA: ARG66052 anti-CD255 / TWEAK antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66052 anti-CD255 / TWEAK antibody (Biotin) standard curve image

Sandwich ELISA: ARG66052 anti-CD255 / TWEAK antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with [ARG66051](#) anti-CD255 / TWEAK antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.