

TNFSF13/APRIL elisa kit

Monkey primate TNFSF13/APRIL PicoKine ELISA Kit

CATALOG # AAA124815	REACTIVITY Monkey There is no detectable cross-reactivity with other relevant proteins.	APPLICATIONS ELISA
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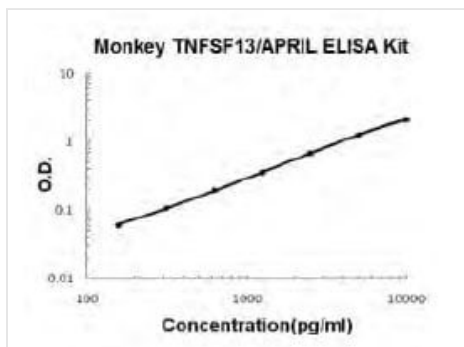
PRODUCT SYNONYMS

TNFSF13/APRIL; Monkey primate TNFSF13/APRIL PicoKine ELISA Kit; Tumor necrosis factor (Ligand) superfamily member 13 transcript variant delta; Tumor necrosis factor ligand superfamily member 13; TNFSF13; TNFSF13/APRIL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant 215 Monkey primate TNFSF13/APRIL
Sequence Length	223
Assay Type	Quantitative Sandwich
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<10pg/ml
Applicable Applications for TNFSF13/APRIL elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFSF13/APRIL elisa kit	Principle of the Assay: 215 Monkey primate TNFSF13/APRIL ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for Monkey primate TNFSF13/APRIL has been precoated onto 96-well plates. Standards(Expression system for standard: NSO,A105-L250) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Monkey primate TNFSF13/APRIL is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the 215 Monkey primate TNFSF13/APRIL amount of sample captured in plate. Background: Tumor necrosis factor ligand superfamily member 13(TNFSF13) also known as a proliferation-inducing ligand(APRIL) is a protein that in humans is encoded by the TNFSF13 gene. TNFSF13 has also been designated CD256(cluster of differentiation 256). The protein encoded by this gene is a member of the tumor necrosis factor ligand(TNF) ligand family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vivo experiments suggest an important role for APRIL in the long-term survival of plasma cells in the bone marrow. Mice deficient in April showed a reduced ability to support plasma cell survival In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such asTNFRSF6/FAS and TNFRSF14/HVEM. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. The TNFSF13 gene lies 878 bp downstream of the TNFSF12 gene on chromosome 17p13.1.
Product Categories/Family for TNFSF13/APRIL elisa kit	Immunology; Adaptive Immunity; B Cells; NON-CD; Immunology; Innate Immunity; Cytokines; TNF Superfamily ; Signal Transduction; Growth Factors/Hormones; TNF; Cancer; Growth Factors; Kits/Lysates/Other; ELISA Kits ; tnf ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	310750385
NCBI GeneID	8741
NCBI Accession #	NP_001185551.1
NCBI GenBank Nucleotide #	NM_001198622.1
UniProt Accession #	Q2QBA2
Molecular Weight	24279 MW
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 13 isoform delta
UniProt Protein Name	Tumor necrosis factor (Ligand) superfamily member 13 transcript variant delta
UniProt Gene Name	TNFSF13

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monkey-elisa-kits/tnfsf13-april/124815>