



Anti-TNFSF14 polyclonal antibody [Biotin] (DPABY-566)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Human LIGHT is a type II membrane protein that is a member of the TNF superfamily (TNFSF14). LIGHT is an acronym that stands for is homologous to Lymphotoxins, exhibits Inducible expression, and competes with HSV Glycoprotein D for HVEM, a receptor expressed by Tlymphocytes. LIGHT has also been called HVEM-L and LT-gamma.
Specificity	Detects human LIGHT/TNFSF14 in ELISAs and Western blots. In Western blots, less than 5% cross-reactivity with recombinant human (rh) APRIL, rhFas Ligand, rhGITR Ligand, rhTRAIL, rhTRANCE, and rhTNF-alpha is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human LIGHT/TNFSF14 . Asp74-Val240 Accession Number O43557
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	TNFSF14 tumor necrosis factor (ligand) superfamily, member 14 [Homo sapiens (human)]
Official Symbol	TNFSF14
Synonyms	TNFSF14; tumor necrosis factor (ligand) superfamily, member 14; LTg; TR2; CD258; HVEM; LIGHT; tumor necrosis factor ligand superfamily member 14; delta transmembrane LIGHT; herpesvirus entry mediator A; herpesvirus entry mediator ligand; herpesvirus entr
Entrez Gene ID	8740
Protein Refseq	NP_003798
UniProt ID	O43557
Chromosome Location	19p13.3
Pathway	Cytokine-cytokine receptor interaction; Herpes simplex infection; NF-kappa B signaling pathway;
Function	cysteine-type endopeptidase inhibitor activity involved in apoptotic process; cytokine activity; protein binding; receptor binding; tumor necrosis factor receptor binding;