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Anti-GITRL Antibody

Catalog # AP54053

Product Information

Application	WB
Primary Accession	Q9UNG2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20308

Additional Information

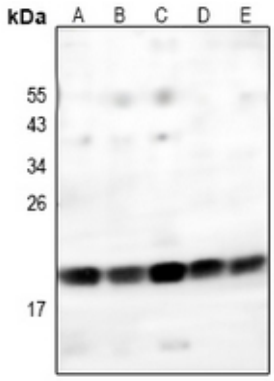
Gene ID	8995
Other Names	AITRL; GITRL; TL6; Tumor necrosis factor ligand superfamily member 18; Activation-inducible TNF-related ligand; AITRL; Glucocorticoid-induced TNF-related ligand; hGITRL
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GITRL. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	TNFSF18 (HGNC:11932)
Synonyms	AITRL, GITRL, TL6
Function	Cytokine that binds to TNFRSF18/AITR/GITR. Regulates T-cell responses. Can function as costimulator and lower the threshold for T- cell activation and T-cell proliferation. Important for interactions between activated T-lymphocytes and endothelial cells. Mediates activation of NF-kappa-B. Triggers increased phosphorylation of STAT1 and up-regulates expression of VCAM1 and ICAM1 (PubMed:23892569). Promotes leukocyte adhesion to endothelial cells (PubMed:23892569). Regulates migration of monocytes from the splenic reservoir to sites of inflammation (By similarity).
Cellular Location	Cell membrane; Single-pass type II membrane protein
Tissue Location	Expressed at high levels in the small intestine, ovary, testis, kidney and

endothelial cells

Images



Western blot analysis of GITRL expression in SKOVCAR3 (A), A2780 (B), HEK293T (C), mouse testis (D), rat testis (E) whole cell lysates. (Predicted band size: 20 kD; Observed band size: 20 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.