

Immunotag™ TCAM2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2167
Product Description	Immunotag™ TCAM2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TCAM2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TCAM2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	TICAM2 TIRAP3 TIRP TRAM
Accession No.	Q86XR7 Q8BJQ4
Description	toll like receptor adaptor molecule 2(TICAM2) Homo sapiens TIRP is a Toll/interleukin-1 receptor (IL1R; MIM 147810) (TIR) domain-containing adaptor protein involved in Toll receptor signaling (see TLR4; MIM 603030).[supplied by OMIM, Apr 2004],
Cell Pathway/ Category	Toll_Like,

Antibody Specification

Protein Expression	Lung,Placenta,Uterus,
Subcellular Localization	early endosome,late endosome,endoplasmic reticulum,Golgi apparatus,plasma membrane,endosome membrane,early endosome membrane,late endosome membrane,
Protein Function	<p>domain:The TIR domain mediates the interaction with TRAF6.,function:Functions in LPS-TLR4 signaling to regulate the MYD88-independent pathway during the innate immune response to LPS. Also involved in IL1-triggered NF-kappa-B activation, functioning upstream of IRAK1, IRAK2, TRAF6, and IKKB. Physically bridges TLR4 and TICAM1 and functionally transmits LPS-TLR4 signal to TICAM1.,PTM:Myristoylated. Required for membrane association which is critical for its ability to initiate efficient signaling.,PTM:Phosphorylated by PKCE in response to LPS. Phosphorylation is essential for its function. It is depleted from the membrane upon phosphorylation.,similarity:Belongs to the EMP24/GP25L family.,similarity:Contains 1 GOLD domain.,similarity:Contains 1 TIR domain.,subcellular location:Localized to the plasma membrane as a result of myristoylation. Phosphorylation on Ser-16 leads to its depletion from the membrane.,subunit:Homodimer. Interacts with TLR4, TICAM1, IRF3 and IRF7 in response to LPS. Interacts with IL1R1, IL1RAP, IRAK2, IRAK3 and TRAF6. Interacts with protein kinase-inactive mutants of IRAK1 and IRAK4.,tissue specificity:Expressed in spleen, prostate, testis, uterus, small intestine, colon, peripheral blood leukocytes, heart, placenta, lung, liver, skeletal muscle, and pancreas.,</p>
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.