

Product datasheet for **AM08202PU-N**

TOLLIP Mouse Monoclonal Antibody [Clone ID: SB40a]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SB40a
Applications:	ELISA, FC, WB
Recommended Dilution:	ELISA. Western Blot. Flow Cytometry.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant Tollip.
Specificity:	This antibody is specific to Human Tollip. Does not react to TLR2, TLR4, TLR6, TLR7, TLR8 and TLR10 recombinant proteins.
Formulation:	100 mM Borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	toll interacting protein
Database Link:	Entrez Gene 54472 Human Q9H0E2



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Background:

Toll like protein is a component of the signaling pathway of IL1 and Toll like receptors. It inhibits cell activation by microbial products. Tollip recruits IRAK1 to the IL1 receptor complex and inhibits IRAK1 phosphorylation and kinase activity. It oligomerizes and binds to TLR2 and the TLR4-MD2 complex via its C terminus. It exists as a complex with IRAK1 in unstimulated cells. Upon IL1 signaling, Tollip binds to the activated IL1 receptor complex containing IL-1RI, IL-1RacP and the adapter protein MyD88, where it interacts with the TIR domain of IL-1RacP. MyD88 then triggers IRAK1 autophosphorylation, which in turn leads to the dissociation of IRAK1 from Tollip and IL-1RacP.

Synonyms:

Toll-interacting protein

Product images:

250 kDa
150 kDa
100 kDa
75 kDa
50 kDa
37 kDa
25 kDa
20 kDa
15 kDa



Western Blot: Mouse anti-Human Tollip antibody at 2 ug on pancreatic cancer cell lysate with Goat Anti-Mouse IgG2a, human adsorbed to HRP at 1/4000 dilution.