

Product datasheet for **TA320476**

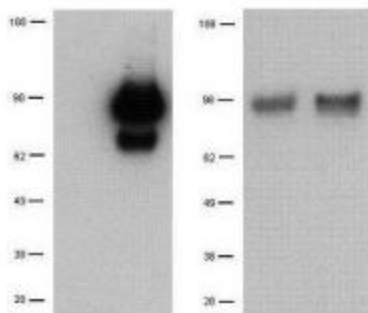
Tlr1 Rat Monoclonal Antibody [Clone ID: eBioLD5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	eBioLD5
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	toll-like receptor 1
Database Link:	NP_109607 Entrez Gene 21897 Mouse Q9EPQ1
Background:	The eBioLD5 monoclonal antibody reacts with mouse Toll-like receptor 1 (TLR1, CD281). TLR1 is an approximately 98 kDa protein belonging to the Toll-like receptor family, and is closely-related to mouse TLR6 in both structure and function. Through the formation of a complex with TLR2, TLR1 is able to bind bacterially-derived triacyl lipopeptides, as well as soluble factors released from Neisseria meningitidis. TLR1 is expressed by macrophages and macrophages in TLR1-deficient mice display impaired production of inflammatory cytokines upon stimulation with triacyl lipopeptides and lipoproteins from mycobacteria.
Synonyms:	CD281; DKFZp547I0610; DKFZp564I0682; KIAA0012; MGC104956; MGC126311; MGC126312; rsc786; TIL



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Product images:

Left: Untransfected control (left) and mouse TLR1-transfected (right) Baf/3 cell lysates were loaded at 1×10^5 cells/lane, probed with 3 $\mu\text{g}/\text{mL}$ Anti-Mouse CD281 (TLR1) Purified and revealed with HRP anti-rat IgG. Right: Peritoneal-exudate (left) and RAW264.7 (right) cell lysates were loaded at 1×10^5 cells/lane, probed with 3 $\mu\text{g}/\text{ml}$ Anti-Mouse CD281 (TLR1) Purified and revealed with HRP anti-rat IgG.