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12-8510: Anti-Mouse TLR7

Clonality :	Polyclonal
Application :	ELISA,WB
Reactivity :	Mouse
Immunogen Information :	This TLR7 polyclonal antibody used a peptide immunogen located within amino acids 420 - 470 of TLR7.

Description

Specificity: Rabbit Anti-Mouse Toll-like Receptor 7 (TLR7) recognizes Mouse TLR7. This polyclonal antibody was purified using affinity chromatography.

Background: The TLR family play a fundamental role in pathogen recognition and activation of innate immunity. They recognize pathogen associated molecular patterns (PAMPs) that are expressed on infectious agents and mediate the production of cytokines necessary for the development of effective immunity. TLR-3 is expressed primarily in dendritic cells of the placenta and pancreas where it can reside on both sides of the plasma membrane and in the endosomal compartment of the cells. It is also expressed in macrophages, micoglia and astrocytes, and is upregulated by IFNβ and LPS.

Product Info

Amount :	20 µg / 0.1 mg
Purification :	≥90% monomer by analytical SEC and SDS-Page Preparation: Recombinant antibodies are manufactured in an animal free facility using only in vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
Content :	Concentration: 1.0 mg/ml Formulation: This polyclonal antibody is formulated in phosphate buffered saline (PBS) pH 7.4 containing 0.02% sodium azide as a preservative.
Storage condition :	This polyclonal antibody is stable for at least one week when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at –20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.