

Product datasheet

Anti-TLR5 antibody [85B152.5] (FITC) ab25929

★★★★☆ 2 Abreviews 7 References 1 Image

Overview

Product name	Anti-TLR5 antibody [85B152.5] (FITC)
Description	Mouse monoclonal [85B152.5] to TLR5 (FITC)
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide (Human) conjugated to KLH
Positive control	Ramos or ThP1 cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: 0.121% Tris, 0.87% Sodium chloride
Purity	Protein G purified
Clonality	Monoclonal
Clone number	85B152.5
Isotype	IgG2a

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab25929 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

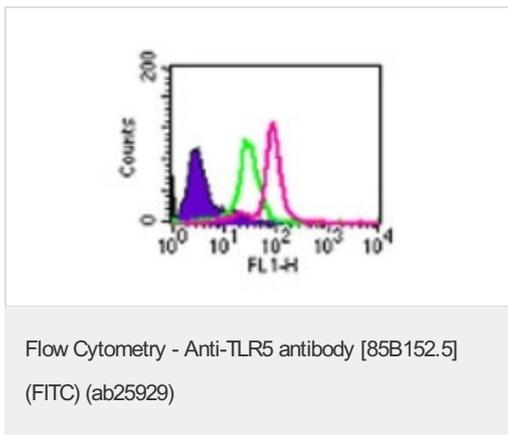
Application	Abreviews	Notes
WB		Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 100 kDa.

Application	Abreviews	Notes
Flow Cyt	★★★★☆ (1)	Use 2-5µg for 10 ⁶ cells. (Intracellular) ab01362 Mouse monoclonal IgG2a is suitable for use as an

Target

Function	Participates in the innate immune response to microbial agents. Mediates detection of bacterial flagellins. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
Tissue specificity	Highly expressed in ovary and in peripheral blood leukocytes, especially in monocytes, less in CD11c+ immature dendritic cells. Also detected in prostate and testis.
Involvement in disease	Systemic lupus erythematosus 1
Sequence similarities	Belongs to the Toll-like receptor family. Contains 22 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 TIR domain.
Post-translational modifications	Phosphorylated at Ser-805 by PKD/PRKD1; phosphorylation induces the production of inflammatory cytokines. Phosphorylated at Tyr-798 upon flagellin binding; required for signaling.
Cellular localization	Membrane.

Images



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