

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MyD88 in direct ELISAs. In direct ELISAs, no cross-reactivity with mouse MyD88 is observed.
Source	Monoclonal Rat IgG _{2B} Clone # 316628
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human MyD88 Met1-Pro296 Accession # Q99836
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	0.25-1 µg/10 ⁶ cells	Raji human Burkitt's lymphoma cell line fixed with paraformaldehyde and permeabilized with saponin

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Myeloid Differentiation primary response gene 88 (MyD88) contains a cytoplasmic Toll/interleukin 1 receptor (TIR) and functions as an adaptor protein in Toll-like receptor signaling. It is expressed in many adult tissues including heart, kidney and liver tissue and in monocyte, T, B, NK and dendritic cells.

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