Human MyD88 Antibody

Monoclonal Rat IgG_{2A} Clone # 316603

Catalog Number: MAB2928

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MyD88 in direct ELISAs. Does not cross-react with mouse MyD88.
Source	Monoclonal Rat IgG_{2A} Clone # 316603
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human MyD88 Met1-Pro296 Accession # Q99836
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

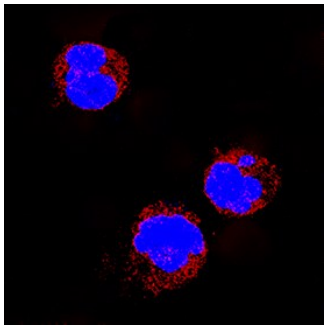
APPLICATIONS

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
Immunocytochemistry	3-25 µg/mL	See Below

DATA

Immunocytochemistry



MyD88 in Raji Human Cell Line. MyD88 was detected in immersion fixed Raji human Burkitt's lymphoma cell line using Rat Anti-Human MyD88 Monoclonal Antibody (Catalog # MAB2928) at 3 µg/mL for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Rat IgG Secondary Antibody (red; Catalog # NL013) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm. View our protocol for Fluorescent ICC Staining of Non-adherent Cells.

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

MyD88 was first identified as a myeloid differentiation primary response protein. It contains a cytoplasmic Toll/interleukin 1 receptor (TIR) domain that classifies it as a member of the TIR superfamily. MyD88 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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