

Datasheet for ABIN5539555

anti-MYD88 antibody (Internal Region) (Biotin)



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1 Image

Overview

Quantity:	100 µg
Target:	MYD88
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MYD88 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	MYD88, Biotinylated
Sequence:	IKYKAMKKEF P.
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoforms 1, 2 and 3 (NP_001166038.1, NP_002459.2, NP_001166039.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

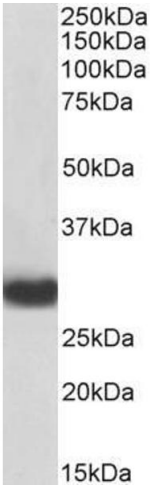
Target:	MYD88
Alternative Name:	MYD88 (MYD88 Products)
Background:	MYD88, myeloid differentiation primary response 88, MYD88D, myeloid differentiation primary response gene (88)
Gene ID:	4615, 17874, 301059
NCBI Accession:	NP_001166038 , NP_002459 , NP_001166039
Pathways:	NF-kappaB Signaling , TLR Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Western Blot: Approx 33 kDa band observed in Human Thymus lysates (calculated MW of 33.2 kDa according to NP_002459.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. Biotinylated ABIN5539555 (0.2µg/ml) staining of Human Thymus lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.