

Datasheet for ABIN5539742

**anti-Myosin 9 antibody (Internal Region)**

2 Images

1 Publication

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## Overview

Quantity:	100 µg
Target:	Myosin 9 (MYH9)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Myosin 9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	MYH9
Sequence:	DQINTDLNLE RSH
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	Myosin 9 (MYH9)
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## Target Details

Alternative Name:	MYH9 ( <a href="#">MYH9 Products</a> )
Background:	Myosin, heavy chain 9, non-muscle, RP1-68O2.1, DFNA17, EPSTS, FTNS, MGC104539, MHA, NMHC-II-A, NMMHCA, MYH9 variant protein, OTTHUMP00000028706, cellular myosin heavy chain, type A, myosin, heavy polypeptide 9, non-muscle, non-muscle myosin heavy chain, n
Gene ID:	4627
NCBI Accession:	<a href="#">NP_002464</a>
Pathways:	<a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Integrin Complex</a>

## Application Details

Application Notes:	Western Blot: Approx 250 kDa band observed in lysates of Human Peripheral Blood Mononucleocytes and of NIH3T3 (calculated MW of 227 kDa according to Human NP_002464.1 and to Mouse NP_071855.2). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

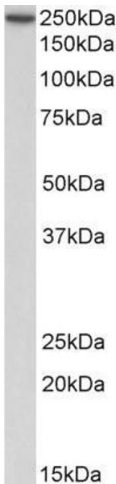
## Handling

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.

## Publications

Product cited in:	Harms, Borengasser, Kumar, Sarvetnick: "Anti-human Interleukin(IL)-4 Clone 8D4-8 Cross-
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Reacts With Myosin-9 Associated With Apoptotic Cells and Should Not Be Used for Flow Cytometry Applications Querying IL-4 Expression." in: **Frontiers in cell and developmental biology**, Vol. 7, pp. 46, (2019) ([PubMed](#)).



**Western Blotting**

**Image 1.** ABIN5539742 (0.3µg/ml) staining of Human peripheral blood lymphocytes lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



**Western Blotting**

**Image 2.** ABIN5539742 (1µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.