



## Anti-MYH9 polyclonal antibody (DPAB-DC772)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	MYH9 (myosin, heavy chain 9, non-muscle) is a protein-coding gene. Diseases associated with MYH9 include sebastian syndrome, and myh9-related disorders, and among its related super-pathways are Immune response CCR3 signaling in eosinophils and Antioxidant Action of Vitamin-C. GO annotations related to this gene include calmodulin binding and protein homodimerization activity. An important paralog of this gene is MYH8.
<b>Specificity</b>	Specific to recombinant protein GX0844. This antibody detects endogenous mMYH9 protein in several cell types. It also recognizes human MYH9 protein.
<b>Immunogen</b>	Recombinant GST fusion protein corresponding to 244 mouse Myh9. The sequence is KKKQLVRQVREMEAELDERKQRSMAMAARKKLEMDLKDLAEHIDTANKNREEAIKQLRK LQAQMVKDCMRELDTRASREEILAQAKENEKKLKSMEAEMIQLQEELAAAERAKRQAQQE RDELADEIANSSGKGALALEEKRRLEARIAQLEEELEEEQGNTELINDRLKKANLQIDQI NTDLNLERSHAQKNENARQQLERQNKEALKAKLQEMESAVKSKYKASIAALEAKIAQLEEQ LDNE
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS (50% glycerol, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide

**Storage**

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Myh9 myosin, heavy polypeptide 9, non-muscle [ <i>Mus musculus</i> (house mouse) ]</a>
<b>Official Symbol</b>	MYH9
<b>Synonyms</b>	MYH9; myosin, heavy polypeptide 9, non-muscle; Fltn; Myhn1; Myhn-1; TU72.6; NMHCIIA; NMMHC-A; NMMHC-IIA; myosin-9; flectin; NMHC II-A; NMMHC II-a; myosin IIA; myosin heavy chain IX; non-muscle myosin heavy chain IIA; cellular myosin heavy chain, type A;
<b>Entrez Gene ID</b>	<a href="#">17886</a>
<b>Protein Refseq</b>	<a href="#">NP_071855</a>
<b>UniProt ID</b>	<a href="#">Q8VDD5</a>
<b>Chromosome Location</b>	15 E1; 15 36.81 cM
<b>Pathway</b>	Axon guidance; Membrane Trafficking; Regulation of actin cytoskeleton; Sema4D in semaphorin signaling
<b>Function</b>	ADP binding; ATP binding; ATPase activity; actin binding

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