

pA93431Ra01

Polyclonal Antibody to Myosin IB (MYO1B)

Organism: Rattus norvegicus (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

7th Edition (Revised in May, 2013)

[PRODUCT INFORMATION]

Immunogen: MYO1B, Rat

Clonality: Polyclonal

Host: Rabbit

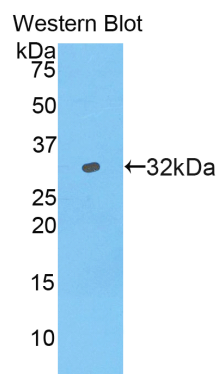
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant MYO1B, Rat

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant MYO1B (Cys779~His1040) expressed in *E.coli*.

USCN Accession No.: rP93431Ra01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSGS- CK EAATTIAAYW HGTQARRELK RLKEEARRKH AVAVIWAYWL
GLKVRREYRK FFRANAGKKI YEFTLQRIVQ KYLLEMKNKM PSLSPIDKNW PSRPYLFLDS
THKELKRIFH LWRCKKYRDQ FTDQKQLIYE EKLEASELFK DKKALYPSSV GQPFQGAYLE
INKNPKYKKL KDAIEEKIII AEVVNKKINRA NGKSTSRIFL LTNNNLLLAD QKSGQIKSEV
PLVDVTKVSM SSQNDGFFAV HLKEGSEAAS KGDFLFSSDH

Unique product Superb quality Client favorite Nicest service  **ISO9001:2008**;  **ISO13485:2003**;  **CE**

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against MYO1B. It has been selected for its ability to recognize MYO1B in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant MYO1B (Cys779~His1040) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.