

Datasheet for ABIN7174944

**anti-Myosin IC antibody (AA 804-1063)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Myosin IC (MYO1C)
Binding Specificity:	AA 804-1063
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin IC antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant Human Unconventional myosin-Ic protein (804-1063AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	Myosin IC (MYO1C)
Alternative Name:	MYO1C ( <a href="#">MYO1C Products</a> )
Background:	Background: Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to

## Target Details

membranous compartments, which would be moved relative to actin filaments. Involved in glucose transporter recycling in response to insulin by regulating movement of intracellular GLUT4-containing vesicles to the plasma membrane. Component of the hair cell's (the sensory cells of the inner ear) adaptation-motor complex. Acts as a mediator of adaptation of mechanoelectrical transduction in stereocilia of vestibular hair cells. Binds phosphoinositides and links the actin cytoskeleton to cellular membranes.

Aliases: MMI beta antibody, MMI-beta antibody, MMIb antibody, MYO1C antibody, MYO1C\_HUMAN antibody, Myosin I beta antibody, Myosin Ic antibody, Myosin-Ic antibody, MYR2 antibody, NMI antibody, Nuclear myosin I antibody

UniProt: [O00159](#)

Pathways: [Platelet-derived growth Factor Receptor Signaling](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

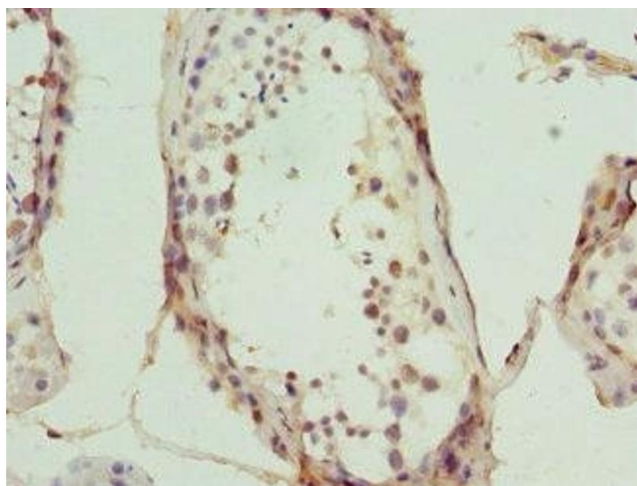
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

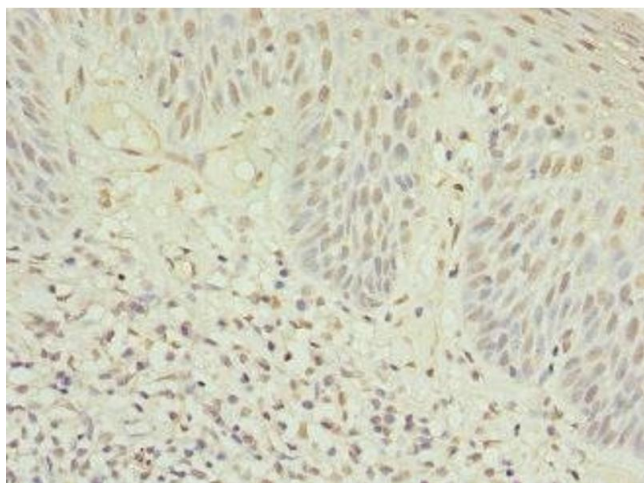
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7174944 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7174944 at dilution of 1:100