



Datasheet for ABIN6263482  
**anti-MYO5C antibody**



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3 Images

Overview

Quantity:	100 µL
Target:	MYO5C
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYO5C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human MYO5C
Isotype:	IgG
Specificity:	MYO5C Antibody detects endogenous levels of total MYO5C
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	MYO5C
Abstract:	<a href="#">MYO5C Products</a>
Background:	Description: May be involved in transferrin trafficking. Likely to power actin-based membrane

## Target Details

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trafficking in many physiologically crucial tissues.

Gene: MYO5C

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Molecular Weight: 203 kDa

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Gene ID: 55930

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UniProt: [Q9NQX4](#)

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## Application Details

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Application Notes: WB 1:1000-3000 IHC 1:200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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Preservative: Sodium azide

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

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Storage: -20 °C

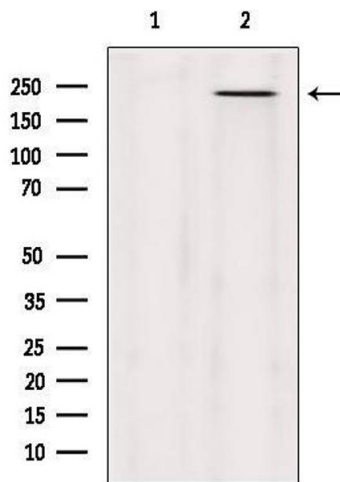
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Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

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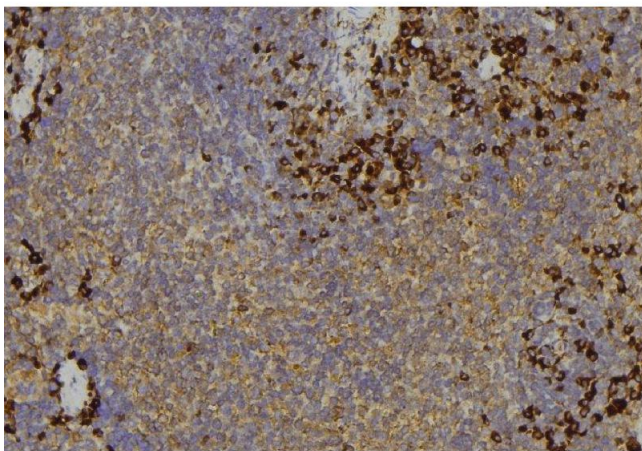
Expiry Date: 12 months

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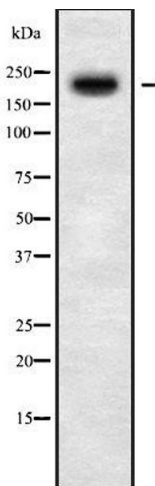
### Western Blotting

**Image 1.** Western blot analysis of extracts from HeLa, using MYO5C Antibody. Lane 1 was treated with the blocking peptide.



### Immunohistochemistry

**Image 2.** ABIN6279565 at 1/100 staining Human lymph node tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



### Western Blotting

**Image 3.** Western blot analysis of MYO5C using COS7 whole cell lysates