

Datasheet for ABIN7306858
anti-Myosin Ic antibody

3 Images

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Overview

Quantity:	100 µL
Target:	Myosin Ic (MYO1C)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin Ic antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human Myosin Ic
Specificity:	Recognizes endogenous levels of Myosin Ic protein.
Characteristics:	Rabbit polyclonal antibody to Myosin Ic
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Myosin Ic (MYO1C)
Alternative Name:	Myosin Ic (MYO1C Products)
Background:	Unconventional myosin-Ic, Myosin I beta, MMI-beta, MM1b
Gene ID:	4641, 17913, 65261

Target Details

UniProt:	O00159 , Q9WTI7 , Q63355
Pathways:	Platelet-derived growth Factor Receptor Signaling

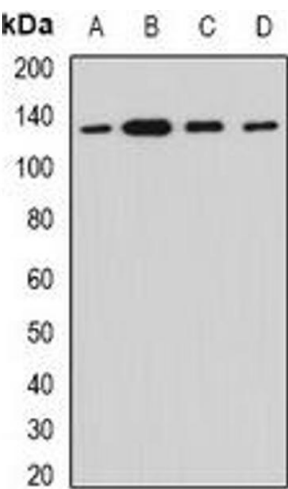
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only

Handling

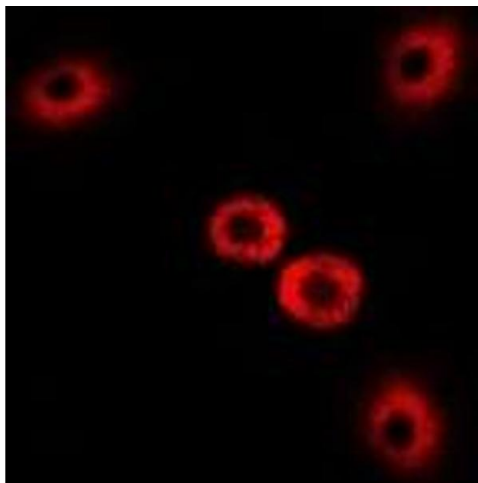
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



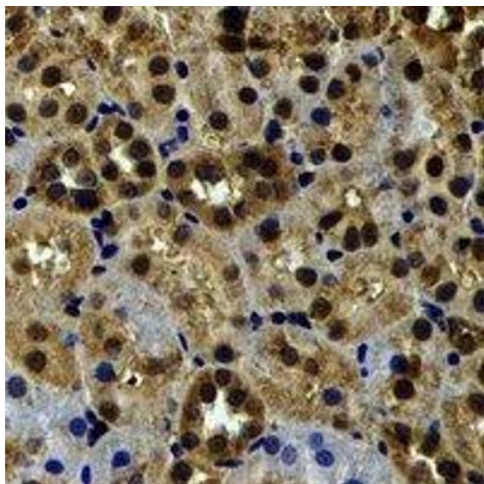
Western Blotting

Image 1. Western blot analysis of Myosin Ic expression in HT29 (A), SKOV3 (B), mouse lung (C), rat heart (D) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of Myosin Ic staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody.



Immunohistochemistry

Image 3. Immunohistochemical analysis of Myosin Ic staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the primary antibody.