

Datasheet for ABIN6940082

anti-Moesin antibody

9 Images

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Overview

Quantity:	100 µg
Target:	Moesin (MSN)
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Moesin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full-length human Moesin protein
Clone:	MSN-491
Isotype:	IgG1 kappa
Specificity:	Recognizes 78 kDa moesin protein. Moesin, a member of the talin-4.1 superfamily, is a linking protein of the sub-membranous actin cytoskeleton. It is expressed in variable amounts in cells of different phenotypes such as macrophages, lymphocytes, fibroblastic, endothelial, epithelial, and neuronal cell lines but not in blood cells. The ERM proteins, ezrin, radixin, and moesin are involved in a variety of cellular functions, such as cell adhesion, migration, and the organization of cell surface structures, and are highly homologous, both in protein sequence and in functional activity, with merlin/schwannomin, a neurofibromatosis-2-associated tumor-suppressor protein. Cell lines of epithelial and mesothelial origin contain both moesin and radixin whereas cells of endothelial and lymphoid origin express moesin.

Product Details

Purification: Purified by Protein A/G

Target Details

Target: Moesin (MSN)

Alternative Name: MSN ([MSN Products](#))

Molecular Weight: 78kDa

Gene ID: 4478

UniProt: [P26038](#)

Pathways: [Asymmetric Protein Localization](#)

Application Details

Application Notes: Positive Control: K562, HT-29, CH3LC or HUVEC cells. Uterus, Placenta, Tonsil, Melanoma, Testicular Carcinoma.
Known Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (2-4 µg/mL), Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

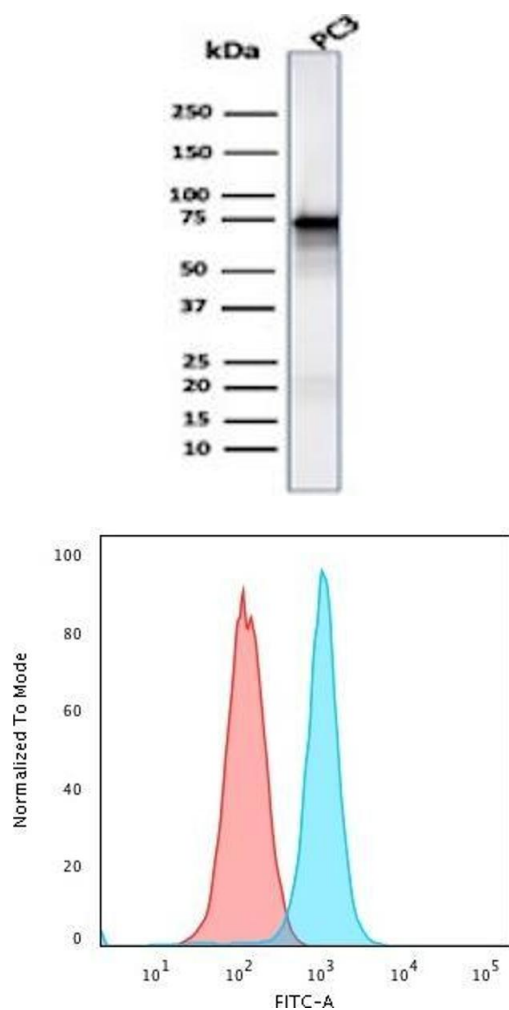
Preservative: Sodium azide

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

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months

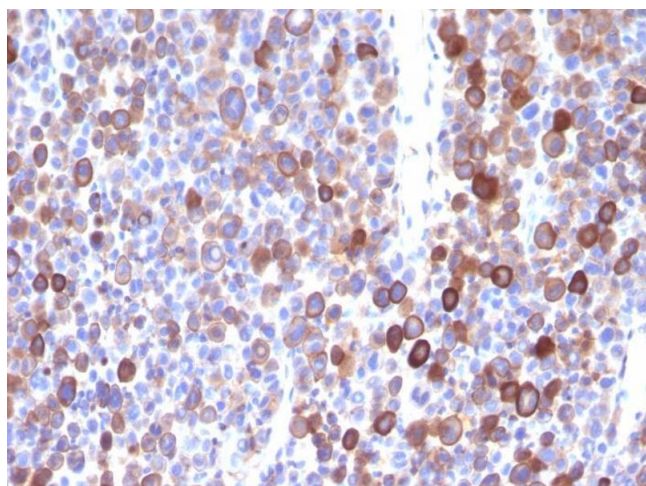


Western Blotting

Image 1. Western Blot Analysis of human PC3 cell lysate using Mouse Monoclonal Antibody (MSN/491).

Flow Cytometry

Image 2. Flow Cytometric Analysis of K562 cells using Moesin Mouse Monoclonal Antibody (MSN/491) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Melanoma stained with Moesin Mouse Monoclonal Antibody (MSN/491).

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN6940082.