

Technical Data Sheet

Purified Mouse Anti-Moesin

Product Information

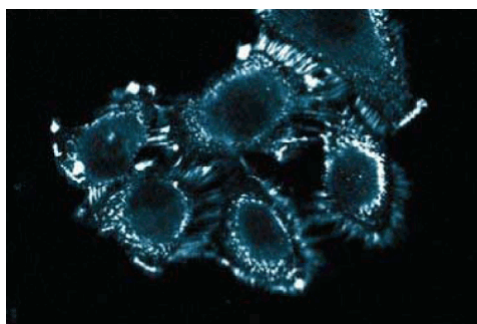
Material Number:	610402
Size:	150 µg
Concentration:	250 µg/ml
Clone:	38/Moesin
Immunogen:	Human Moesin aa. 554-564
Isotype:	Mouse IgG1
Reactivity:	QC Testing: Human Tested in Development: Mouse, Rat, Dog, Chicken
Target MW:	78 kDa
Storage Buffer:	Aqueous buffered solution containing BSA, glycerol, and ≤0.09% sodium azide.

Description

Moesin belongs to a family of proteins that includes ezrin and radixin. These proteins are co-expressed in a variety of cells. They localize to the cytoskeleton and modify interactions between cytoskeletal and membrane proteins. There is approximately 70% homology between moesin and ezrin and 80% homology between moesin and radixin. Moesin is intracellular and contains multiple conserved domains that are putative phosphorylation sites. It has a calculated molecular weight of 67.8 kDa, but migrates in SDS-PAGE at approximately 78 kDa. This discrepancy is likely due to a charged alpha-helical region within the protein.



Western blot analysis of Moesin on a Jurkat cell lysate (Human T-cell leukemia; ATCC TIB-152). Lane 1: 1:5000, lane 2: 1:10,000, lane 3: 1:20,000 dilution of the mouse anti-Moesin antibody.



Immunofluorescence staining of A498 cells (Human kidney carcinoma; ATCC HTB-44).

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Store undiluted at -20°C.

Application Notes

Application

Western blot	Routinely Tested
Immunofluorescence	Tested During Development
Immunoprecipitation	Tested During Development
Immunohistochemistry	Not Recommended

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Recommended Assay Procedure:

Western blot: Please refer to http://www.bdbiosciences.com/pharmingen/protocols/Western_Blotting.shtml

Suggested Companion Products

Catalog Number	Name	Size	Clone
611451	Jurkat Cell Lysate	500 µg	(none)
554002	HRP Goat Anti-Mouse Ig	1.0 ml	(none)
554001	FITC Goat Anti-Mouse Ig	0.5 mg	Polyclonal

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
4. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

References

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