

Actinin-alpha monoclonal antibody, clone EA-53

Catalog # MAB1535 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native actinin-alpha.
Immunogen	Native purified rabbit actinin-alpha.
Host	Mouse
Theoretical MW (kDa)	100
Reactivity	Human, Mouse, Rabbit, Rat
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG1
Recommend Usage	Western Blot (3.5 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3.5-7 ug/mL) Immunohistochemistry (Frozen sections) (3.57 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 1.2% sodium acetate (2 mg BSA, 0.01 mg sodium azide)
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with 1 mL of 1.2% sodium acetate or neutral PBS and concentration will be 100 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunohistochemistry (Frozen sections)

Publication Reference

- [Cloning and chromosomal localization of the human cytoskeletal alpha-actinin gene reveals linkage to the beta-spectrin gene.](#)

Youssoufian H, McAfee M, Kwiatkowski DJ.

American Journal of Human Genetics 1990 Jul; 47(1):62.

Application: IF, WB-Tr, Monkey, COS-1 cells