

a-actinin Monoclonal Antibody(4A12)
Catalog # AP63732**Specification**

a-actinin Monoclonal Antibody(4A12) - Product Information

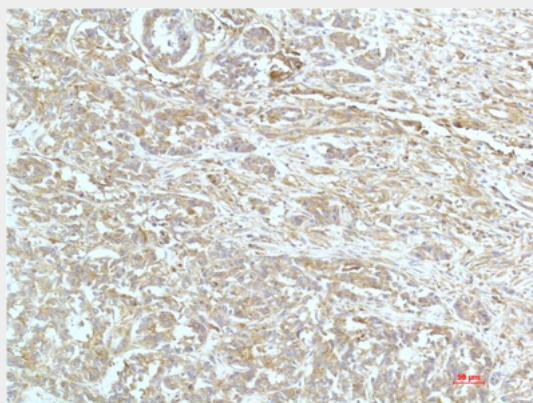
Application	IHC-P
Primary Accession	P12814
Reactivity	Human, Rat, Mouse
Host	Mouse
Clonality	Monoclonal

a-actinin Monoclonal Antibody(4A12) - Additional Information**Gene ID** 87**Other Names**
ACTN1**Dilution**
IHC-P~~N/A**Format**
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.**Storage Conditions**
-20°C**a-actinin Monoclonal Antibody(4A12) - Protein Information****Name** ACTN1**Function**
F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. Association with IGSF8 regulates the immune synapse formation and is required for efficient T- cell activation (PubMed:22689882).**Cellular Location**
Cytoplasm, cytoskeleton. Cytoplasm, myofibril, sarcomere, Z line. Cell membrane. Cell junction {ECO:0000250|UniProtKB:Q9Z1P2}. Cell projection, ruffle {ECO:0000250|UniProtKB:Q7TPR4}. Note=Colocalizes with MYOZ2 and PPP3CA at the Z-line of heart and skeletal muscle. Colocalizes with PSD in membrane ruffles and central reticular structures {ECO:0000250|UniProtKB:Q7TPR4}**a-actinin Monoclonal Antibody(4A12) - Protocols**

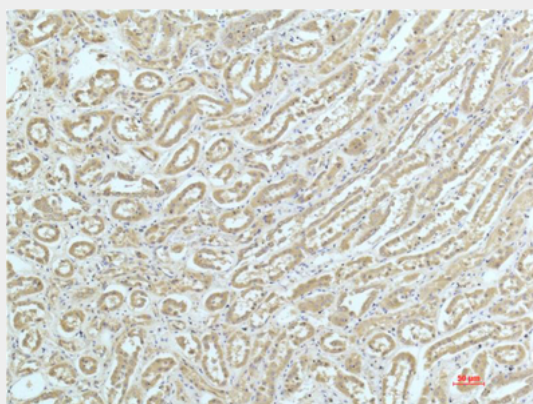
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

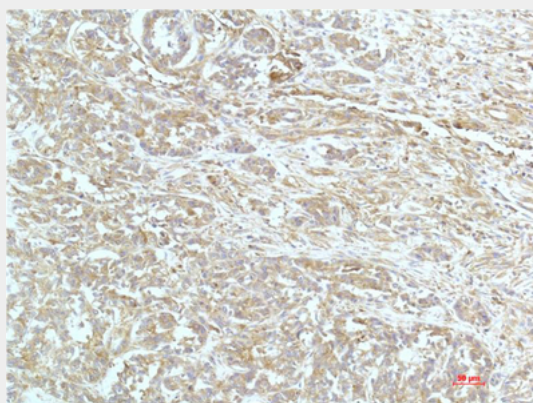
α -actinin Monoclonal Antibody(4A12) - Images



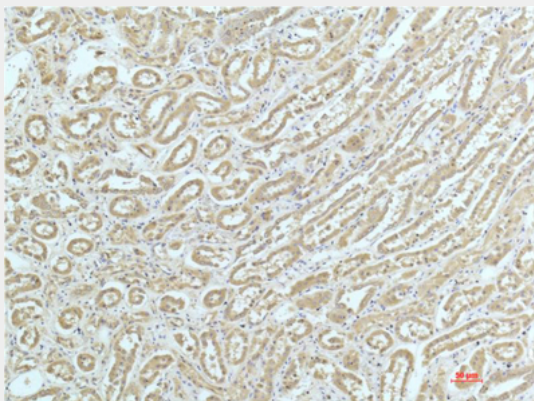
Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using α -actinin Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using α -actinin Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using a-actinin Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using a-actinin Mouse mAb diluted at 1:200.

a-actinin Monoclonal Antibody(4A12) - Background

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.