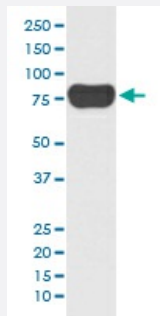


CTTN monoclonal antibody, clone FAI-3

Catalog # MAB19913 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with CTTN monoclonal antibody.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human CTTN.

Immunogen A synthetic peptide corresponding to human CTTN.

Host Rabbit

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Flow Cytometry (1:20)
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Immunoprecipitation (1:20)
- The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

Western blot analysis of HeLa cell lysate with CTTN monoclonal antibody.

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

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

Gene Info — CTTN

Entrez GeneID	2017
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Protein Accession#	Q14247
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Gene Name	CTTN
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Gene Alias	EMS1, FLJ34459
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Gene Description	cortactin
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Omim ID	164765
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Gene Ontology	Hyperlink
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Gene Summary

This gene is overexpressed in breast cancer and squamous cell carcinomas of the head and neck. The encoded protein is localized in the cytoplasm and in areas of the cell-substratum contacts. This gene has two roles: (1) regulating the interactions between components of adherens-type junctions and (2) organizing the cytoskeleton and cell adhesion structures of epithelia and carcinoma cells. During apoptosis, the encoded protein is degraded in a caspase-dependent manner. The aberrant regulation of this gene contributes to tumor cell invasion and metastasis. Two splice variants that encode different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

1110020L01Rik|ems1 sequence (mammary tumor and squamous cell carcinoma-associated (p80/85 src substrate))|oncogene EMS1

Pathway

- [Pathogenic Escherichia coli infection - EHEC](#)
- [Tight junction](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)