

Mouse anti-Human, Mouse CTTN Antibody | anti-CTTN antibody

CTTN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108560	Mouse	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

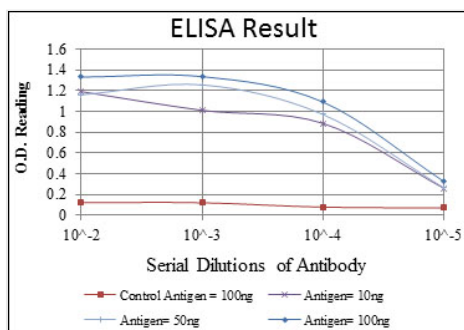
PRODUCT SYNONYMS

CTTN; CTTN Antibody; EMS1; FLJ34459; anti-CTTN antibody

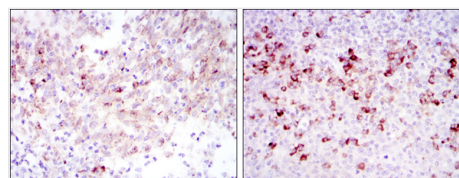
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1
Clone Number	4C6
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	634
Applicable Applications for anti-CTTN antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CTTN expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES

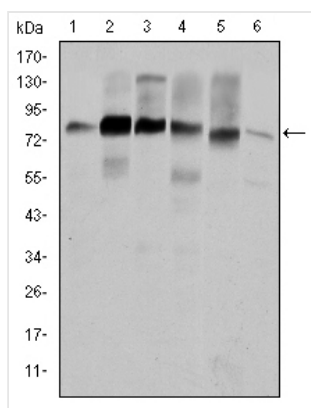


Application Data



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded cervical cancer tissues (left) and tonsil tissues (right) using CTTN mouse mAb with DAB staining.



WB (Western Blot)

Figure 1: Western blot analysis using CTTN mouse mAb against HeLa (1), A431 (2), MCF-7 (3), SR-BR-3 (4), HepG2 (5) and NIH/3T3 (6) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CTTN antibody	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. Three splice variants that encode different isoforms have been identified for this gene. (provided by RefSeq)
Product Categories/Family for anti-CTTN antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	296080746
NCBI GeneID	2017
NCBI Accession #	NP_001171669.1
NCBI GenBank Nucleotide #	NM_001184740.1
UniProt Accession #	Q14247; Q8N707; Q96H99
Molecular Weight	80kDa
NCBI Official Full Name	src substrate cortactin isoform c
NCBI Official Synonym Full Names	cortactin
NCBI Official Symbol	CTTN
NCBI Official Synonym Symbols	EMS1
NCBI Protein Information	src substrate cortactin
UniProt Protein Name	Src substrate cortactin
UniProt Gene Name	CTTN
UniProt Synonym Gene Names	EMS1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.