

## CTTN Ab

Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com

Images(2)

Cat.#: BF0625 Size:	Concn.: ~1mg/ml Source: Mouse	Mol.Wt.: 80kDa Clonality: Monoclonal
Application: Reactivity:	ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000 *The optimal dilutions should be determined by the end user. Human.Mouse	
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	Affinity-chromatography.	
Immunogen:	Purified recombinant fragment of huma	n CTTN expressed in E. Coli.
Uniprot:	Q14247	
Description:	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: regulating the interactions between components of adherens-type junctions and 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)	

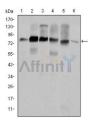


Figure 1: Western blot analysis using CTTN mouse mAb against Hela (1), A431 (2), MCF-7 (3), SR-BR-3 (4), HepG2 (5) and NIH/3T3 (6) cell lysate.

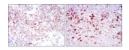


Figure 2: Immunohistochemical analysis of paraffin-embedded cervical cancer tissues (left) and tonsil tissues (right) using CTTN mouse mAb with DAB staining.



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IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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