

## Mouse Monoclonal Antibody to CTTN

**Catalogue Number** sAP-0539

**Target Molecule** **Name:** CTTN

**Aliases:** EMS1; FLJ34459; CTTN

**MW:** 80kDa

**Entrez Gene ID: 2017**

**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: (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)

**Immunogen** Purified recombinant fragment of human CTTN expressed in E. Coli. ;

**Reactive Species** Human; Mouse

**Clone** MM4C6;

**Size and Concentration** 100µg/1mg/ml

**Supplied as** Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

**Reconstitution/Storages** Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

**Applications** ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1. Ai Zheng. 2008 Mar;27(3):323-6. ; 2. Dis Markers. 2008;25(1):17-26.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**