

## Mouse Monoclonal Antibody to RANGAP1

**Catalogue Number** sAP-1039

**Target Molecule**  
**Name:** RANGAP1  
**Aliases:** SD; Fug1; RANGAP  
**MW:** 63.5kDa

**Description**  
 This gene encodes a protein that associates with the nuclear pore complex and participates in the regulation of nuclear transport. The encoded protein interacts with Ras-related nuclear protein 1 (RAN) and regulates guanosine triphosphate (GTP)-binding and exchange. Alternative splicing results in multiple transcript variants.

**Immunogen** Purified recombinant fragment of human RANGAP1 (AA: 359-587) expressed in E. Coli.

**Recitative Species** Human;

**Clone** MM4F9E2;

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

**Supplied as** Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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

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

**Reference** 1. J Cell Biol. 2012 Feb 20;196(4):435-50. ; 2. Cancer Res. 2011 Jul 15;71(14):4968-76.

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**