

## Mouse Monoclonal Antibody to Rab13

<b>Catalogue Number</b>	sAP-1181
<b>Target Molecule</b>	<b>Name:</b> Rab13 <b>Aliases:</b> GIG4 <b>MW:</b> 22.8kDa <b>Entrez Gene ID: 5872</b>
<b>Description</b>	This gene is a member of the Rab family of small G proteins and plays a role in regulating membrane trafficking between trans-Golgi network (TGN) and recycling endosomes (RE). The encoded protein is involved in the assembly of tight junctions, which are components of the apical junctional complex (AJC) of epithelial cells. The AJC plays a role in forming a barrier between luminal contents and the underlying tissue. Additional functions associated with the protein include endocytic recycling of occludin, regulation of epithelial cell scattering, neuronal regeneration and regulation of neurite outgrowth. Alternately spliced transcript variants have been observed for this gene. A pseudogene associated with this gene is located on chromosome 12.;
<b>Immunogen</b>	Purified recombinant fragment of human Rab13 (AA: 66-200) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM7G8A4;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.J Histochem Cytochem. 2012 Jul;60(7):537-49. ; 2.J Cell Biol. 2008 Sep 8;182(5):845-53.;

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**