

Mouse Monoclonal Antibody to Rab25

Catalogue Number	sAP-0039
Target Molecule	<p>Name: Rab25</p> <p>Aliases: CATX-8; RAB25</p> <p>MW: N/A</p> <p>Entrez Gene ID: 57111</p>
Description	Members of the Ras-related superfamily of GTP binding proteins, which includes Ras, Rho, Rab and ARF subfamilies, exhibit 30-50% similarity with Ras p21. Rab proteins play an important role for either in endocytosis or in biosynthetic protein transport. The possibility that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the SEC4 protein, which is 40% similar to Rab proteins, is associated with secretory vesicles. Rab proteins located on the cytoplasmic face of organelles and vesicles, rab proteins are involved in intracellular membrane fusion reactions. Rab25 was cloned from a gastric parietal cell cDNA library and is expressed in epithelial tissues such as the gastrointestinal mucosae, kidney, and lung, which encoded a protein of 28 kDa
Immunogen	Purified recombinant fragment of Rab25 expressed in E. Coli.
Reactive Species	Human
Clone	MM3F12F3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, 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. JR Goldenring, KR Shen, HD Vaughan. et al. J. Biol. Chem,1993,268(25):18419-18422 ; 2. Xiaoye W, Ravindra K, Jennifer N. et al. J. Biol. Chem,2000,275(37):29138-29146 ;

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**