

Mouse Monoclonal Antibody to GUCY1A3

Catalogue Number	sAP-0978
Target Molecule	Name: GUCY1A3 Aliases: GUCA3; GC-SA3; GUC1A3; GUCSA3; GUCY1A1 MW: 77.5kDa Entrez Gene ID: 2982
Description	Soluble guanylate cyclases are heterodimeric proteins that catalyze the conversion of GTP to 3',5'-cyclic GMP and pyrophosphate. The protein encoded by this gene is an alpha subunit of this complex and it interacts with a beta subunit to form the guanylate cyclase enzyme, which is activated by nitric oxide. Several transcript variants encoding a few different isoforms have been found for this gene. ; ; ;
Immunogen	Purified recombinant fragment of human GUCY1A3 (AA: 22-214) expressed in E. Coli.
Reactive Species	Human;
Clone	MM3G6B2;
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 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; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Mol Endocrinol. 2012 Feb;26(2):292-307. ; 2.J Biol Inorg Chem. 2011 Dec;16(8):1227-39. ;

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**