

## Mouse Monoclonal Antibody to GUCY1A3

<b>Catalogue Number</b>	sAP-0978
<b>Target Molecule</b>	<p><b>Name:</b> GUCY1A3</p> <p><b>Aliases:</b> GUCA3; GC-SA3; GUC1A3; GUCSA3; GUCY1A1</p> <p><b>MW:</b> 77.5kDa</p> <p><b>Entrez Gene ID:</b> 2982</p>
<b>Description</b>	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. ; ;
<b>Immunogen</b>	Purified recombinant fragment of human GUCY1A3 (AA: 22-214) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM3G6B2;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, 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.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**