

Product Datasheet

GABA-B Receptor 2 Antibody: APC (orb182094)

Description	Mouse monoclonal antibody against GABA-B Receptor 2, conjugated to APC.
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	APC
Tested Applications	ICC, IF, IHC
Immunogen	Fusion protein amino acids 861-912 of rat GABA(B)R2
Target	GABA B Receptor 2
Preservatives	95.64mM Phosphate, 2.48mM MES and 2mM EDTA
Concentration	1 mg/ml
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Application notes	1 µg/ml of SMC-402 was sufficient for detection of GABA(B)R2 in 20 µg of rat brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
Isotype	IgG1
Clonality	Monoclonal
Clone Number	N81/2 (Formerly sold as S81-2)
MW	105kDa
Uniprot ID	O88871
NCBI	NP_113990.1

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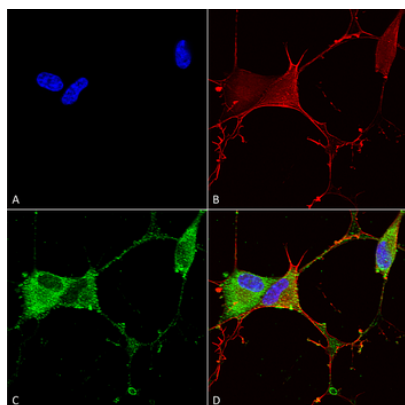
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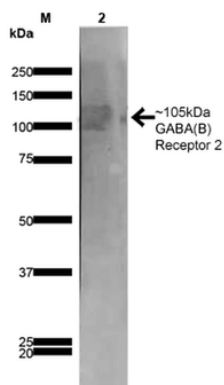
Entrez **83633**

Dilution Range WB (1:1000)

Expiration Date 12 months from date of receipt.



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-GABA-B Receptor 2 Monoclonal Antibody, Clone N81/2. Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-GABA-B Receptor 2 Monoclonal Antibody at 1:100 for overnight at 4°C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) GABA-B Receptor 2 Antibody (D) Composite.



Western Blot analysis of Rat Brain Membrane showing detection of ~105 kDa GABA B Receptor 2 protein using Mouse Anti-GABA B Receptor 2 Monoclonal Antibody, Clone N81/2. Lane 1: MW Ladder. Lane 2: Rat Brain Membrane (10 µg). Load: 10 µg. Block: 5% milk. Primary Antibody: Mouse Anti-GABA B Receptor 2 Monoclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:200 for 1 hour at RT. Color Development: TMB solution for 10 min at RT. Predicted/Observed Size: ~105 kDa.

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