

Anti-GUCY1B3 antibody (1-100) [S6MR] (STJ11101926)
STJ11101926

GENERAL INFORMATION

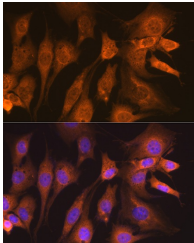
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/IC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

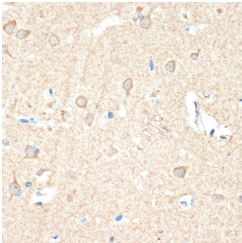
Clonality	Monoclonal
Clone ID	S6MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IHC-P:1:200-1:800 IF/IC:1:100-1:400 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

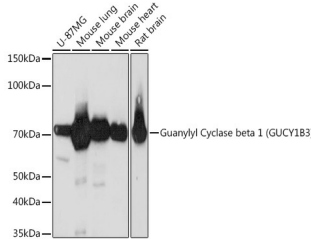
Gene ID	2983
Gene Symbol	GUCY1B1
Uniprot ID	GUCY1B1_HUMAN
Immunogen	
Immunogen Region	1-100
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Guanylyl Cyclase beta 1 (GUCY1B3) (Q02153).
Immunogen Sequence	MYGFVNHALELLVIRNYGPE VWEDIKKEAQLDEEGQFLVR IYDDSKTYDLVAAASKVLN LNAGEILQMFGKMFVFCQE SGYDTILRLVLSNVREFLQN



Immunofluorescence analysis of NIH-3T3 cells using Guanylyl Cyclase beta 1 (GUCY1B3) Rabbit monoclonal antibody (STJ11101926) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human brain using Guanylyl Cyclase beta 1 (GUCY1B3) Rabbit monoclonal antibody (STJ11101926) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines using Guanylyl Cyclase beta 1 (GUCY1B3) Rabbit monoclonal antibody (STJ11101926) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ/S000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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