

Anti-Ephrin A1 antibody (1-100) [S0MR] (STJ11103650)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

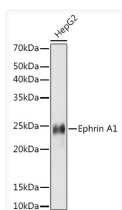
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 24kDa Observed Mw: 24kDa
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	1942
Gene Symbol	EFNA1
UniProt ID	EFNA1_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MEFLWAPLLGLCCSLAAADR HTVFWNSSNPKFRNEDYTIH VQLNDYVDIICPHYEDHSVA DAAMEQYILYLVEHEEYQLC QPQSKDQVRWQCNRPSAKHG
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Ephrin A1 (P20827).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from HepG2 cells, using Ephrin A1 Rabbit mAb (STJ11103650) at 1:1000 dilution.

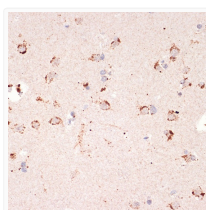
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

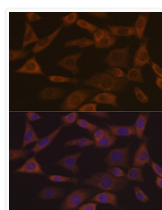
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit

Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human brain using Ephrin A1 Rabbit mAb (STJ11103650) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.



Immunofluorescence analysis of NIH-3T3 cells using Ephrin A1 Rabbit mAb (STJ11103650) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.