

# Product Datasheet

## Ephrin-A2 Antibody (OTI3E3)

### NBP2-02810

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-02810**

Ephrin-A2 Antibody (OTI3E3)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3E3
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	21.3 kDa

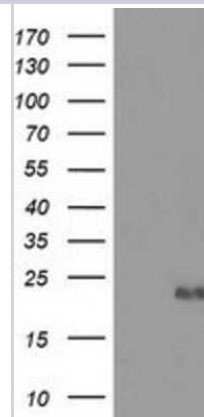
Product Description	
Host	Mouse
Gene ID	1943
Gene Symbol	EFNA2
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human EFNA2 (NP_001396) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

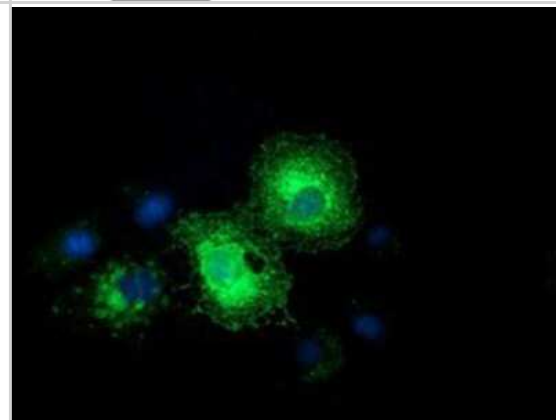


## Images

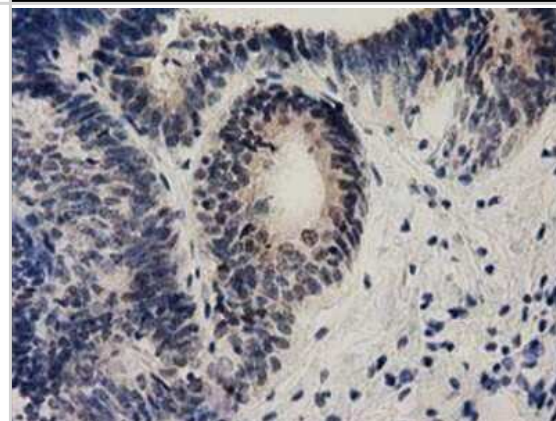
Western Blot: Ephrin A2 Antibody (3E3) [NBP2-02810] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Ephrin A2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Ephrin A2.



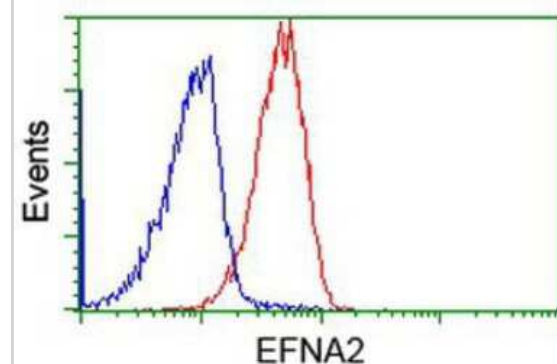
Immunocytochemistry/Immunofluorescence: Ephrin A2 Antibody (3E3) [NBP2-02810] Staining of COS7 cells transiently transfected by pCMV6-ENTRY Ephrin A2.



Immunohistochemistry-Paraffin: Ephrin A2 Antibody (3E3) [NBP2-02810] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-Ephrin A2 mouse monoclonal antibody.



Flow Cytometry: Ephrin A2 Antibody (3E3) [NBP2-02810] - Analysis of Jurkat cells, using anti-Ephrin A2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



## Publications

Taketo Ezaki, Toshihide Tanaka, Ryota Tamura, Kentaro Ohara, Yohei Yamamoto, Jun Takei, Yukina Morimoto, Ryotaro Imai, Yuki Kuranai, Yasuharu Akasaki, Masahiro Toda, Yuichi Murayama, Keisuke Miyake, Hikaru Sasaki  
Status of alternative angiogenic pathways in glioblastoma resected under and after bevacizumab treatment Brain Tumor Pathology 2024-04-15 [PMID: 38619734]





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### **Products Related to NBP2-02810**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-68860PEP	Ephrin-A2 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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