

Ephrin B1 Monoclonal Antibody (2D3E9)

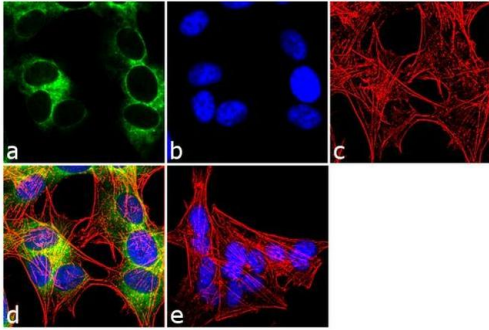
Product Details	
Size	100 µg
Species Reactivity	Chicken, Human
Published Species	Rat, Mouse, Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	2D3E9
Conjugate	Unconjugated
Immunogen	Synthetic peptide derived from the ephrin-B sequence.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533342

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	2 µg/mL	2 Publications
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	1 Publication

Product Images For Ephrin B1 Monoclonal Antibody (2D3E9)

Ephrin B1 Antibody (37-8100) in ICC/IF

Immunofluorescent analysis of Ephrin-B Pan was performed using 70% confluent log phase SH-SY5Y cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with Ephrin-B Pan (2D3E9) Mouse Monoclonal Antibody (Product # 37-8100) at 2 µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175) a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Alexa Fluor® 555 Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



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6 References

Western Blot (2)

PloS one

A novel synaptic junction preparation for the identification and characterization of cleft proteins.

"378100 was used in western blot to develop a novel synaptic junction preparation to characterize components of the synaptic cleft"

Authors: Burch A,Tao-Cheng JH,Dosemeci A

Species
Rat

Dilution
2 µg/ml

Year
2017

Nature neuroscience

Anchoring and synaptic stability of PSD-95 is driven by ephrin-B3.

"Published figure using Ephrin B1 monoclonal antibody (Product # 37-8100) in Immunofluorescence"

Authors: Hruska M,Henderson NT,Xia NL,Le Marchand SJ,Dalva MB

Species
Human
Mouse

Dilution
1:1000
Not Cited

Year
2015

Immunohistochemistry (1)

Journal of leukocyte biology

EPH receptor B2 stimulates human monocyte adhesion and migration independently of its EphrinB ligands.

"Published figure using Ephrin B1 monoclonal antibody (Product # 37-8100) in Immunohistochemistry"

Authors: Vreeken D,Bruikman CS,Cox SML,Zhang H,Lalai R,Koudijs A,van Zonneveld AJ,Hovingh GK,van Gils JM

Species
Not Applicable

Dilution
Not Cited

Year
2020

Immunocytochemistry (2)

Journal of leukocyte biology

EPH receptor B2 stimulates human monocyte adhesion and migration independently of its EphrinB ligands.

"Published figure using Ephrin B1 monoclonal antibody (Product # 37-8100) in Immunohistochemistry"

Authors: Vreeken D,Bruikman CS,Cox SML,Zhang H,Lalai R,Koudijs A,van Zonneveld AJ,Hovingh GK,van Gils JM

Species
Not Applicable

Dilution
Not Cited

Year
2020

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IP (1)

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