

EphB2 Monoclonal Antibody (1A6C9)

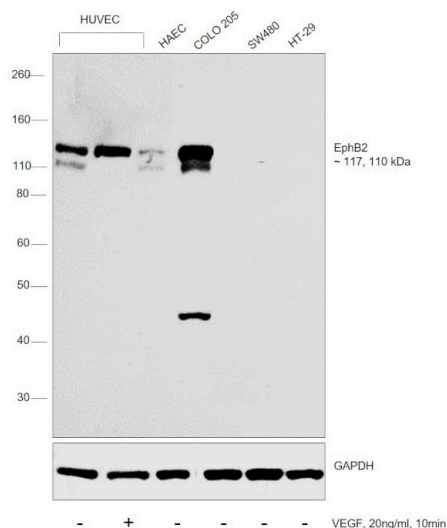
Product Details	
Size	100 µg
Species Reactivity	Chicken, Human
Published Species	Rat, Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	1A6C9
Conjugate	Unconjugated
Immunogen	A synthetic peptide derived from the C-terminal region of the recombinant EphB2 protein.
Form	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_2533302

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	9 Publications
Immunocytochemistry (ICC/IF)	-	2 Publications
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	3 Publications
Miscellaneous PubMed (Misc)	-	2 Publications

Product Images For EphB2 Monoclonal Antibody (1A6C9)

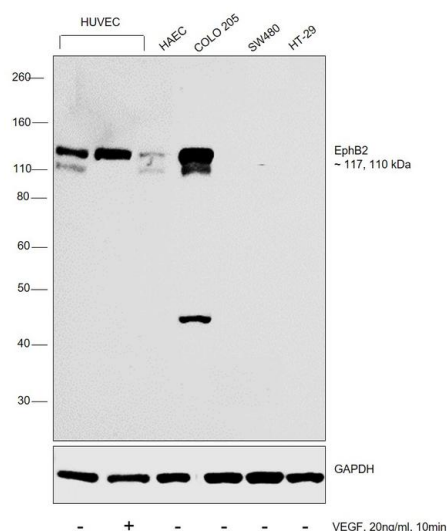
EphB2 Antibody (37-1700)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissues owing to their inherent genetic constitution. Relative expression of EphB2 was observed in COLO 205 in comparison to SW480 and HT-29 using EphB2 Monoclonal Antibody (1A6C9) (Product # 37-1700) in western blot. {RE}



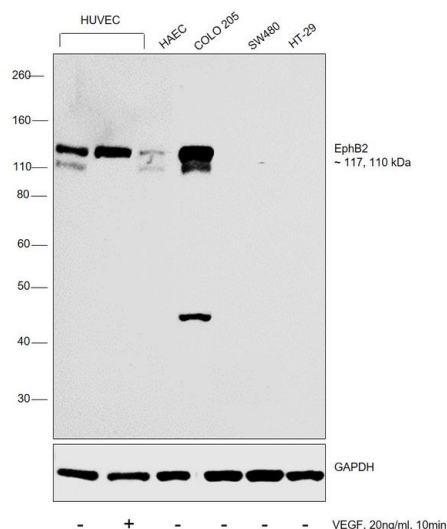
EphB2 Antibody (37-1700) in WB

Western blot was performed using Anti-EphB2 Monoclonal Antibody (1A6C9) (Product # 37-1700) and 117, 110kDa bands corresponding to EphB2 was increased upon VEGF treatment in HUVEC. Also, the expression was highest in COLO 205 in comparison to SW480 and HT-29 as reported. Membrane enriched cell extracts (30 ug lysate) of HUVEC (Lane 1), HUVEC treated with VEGF (20ng /ml, 10 min) (Lane 2), COLO 205 (Lane 3), SW480 (Lane 4) and HT-29 (Lane 5) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:500 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005)..



EphB2 Antibody (37-1700)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Western Blot analysis using Anti-EphB2 Monoclonal Antibody (1A6C9) (Product # 37-1700) shows increased expression of protein upon VEGF treatment in HUVEC. {TM}



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16 References

Western Blot (9)

mAbs	Year 2021
A T cell redirection platform for co-targeting dual antigens on solid tumors.	Species Human
"37-1700 was used in Western Blot to engineer the Dual Antigen T cell Engager to enable T cell activity to specific solid cancer cell features."	
Authors: Enderle L,Shalaby KH,Gorelik M,Weiss A,Blazer LL,Paduch M,Cardarelli L,Kossiakoff A,Adams JJ,Sidhu SS	

The Journal of biological chemistry	Year 2021
The ephrin receptor EphB2 regulates the connectivity and activity of enteric neurons.	Species Rat
"37-1700 was used in Western Blotting to identify a critical role for EphB2 in the ENS and reveal a unique EphB2-mediated molecular program of synapse regulation in enteric neurons."	
Authors: Bodin R,Paillé V,Oullier T,Durand T,Aubert P,Le Berre-Scoul C,Hulin P,Neunlist M,Cissé M	

View more WB references on thermofisher.cn

Immunocytochemistry (2)

PloS one	Year 2014
Neuron glia-related cell adhesion molecule (NrCAM) promotes topographic retinocollicular mapping.	Species Human
"37-1700 was used in western blot to assess the role of neuron-glia related cell adhesion molecule in retinotopic mapping."	
Authors: Dai J,Buhusi M,Demyanenko GP,Brenneman LH,Hruska M,Dalva MB,Maness PF	

The Journal of neuroscience : the official journal of the Society for Neuroscience	Year 2007
The EphA4 receptor regulates neuronal morphology through SPAR-mediated inactivation of Rap GTPases.	Species Human Mouse
Authors: Richter M,Murai KK,Bourgin C,Pak DT,Pasquale EB	

More applications with references on thermofisher.cn

- IP (3)
- Misc (2)

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