

TEK Polyclonal Antibody

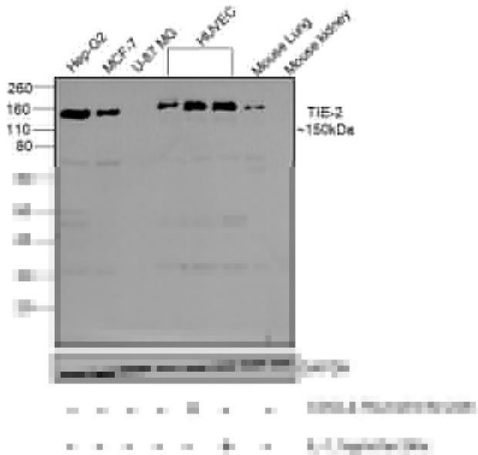
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide made to an internal region of the human TIE2 protein (within residues 250-400).
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11153466

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:2,500	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-

Product Specific Information

Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended.

Product Images For TEK Polyclonal Antibody

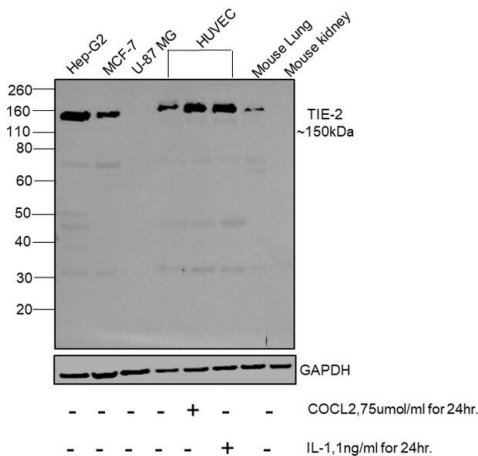


TEK Antibody (PA5-23082) in WB

Western blot was performed using Anti-TEK Polyclonal Antibody (Product # PA5-23082) and a 150 kDa band corresponding to TEK was observed across cell lines and tissues tested except U-87 MG and Mouse Kidney which are reported to be negative. Whole cell extracts (30 μg lysate) of Hep G2 (Lane 1), MCF-7 (Lane 2), U-87 MG (Lane 3), HUVEC (Lane 4), HUVEC treated with Cobalt Chloride (75 μMol/mL for 24hr) (Lane 5), HUVEC treated with IL-1β (1 ng/mL, 24hr) (Lane 6), Mouse lung (Lane 7) and Mouse kidney (Lane 8) were electrophoresed using NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). 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 (PA5-23082, 1:1,000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

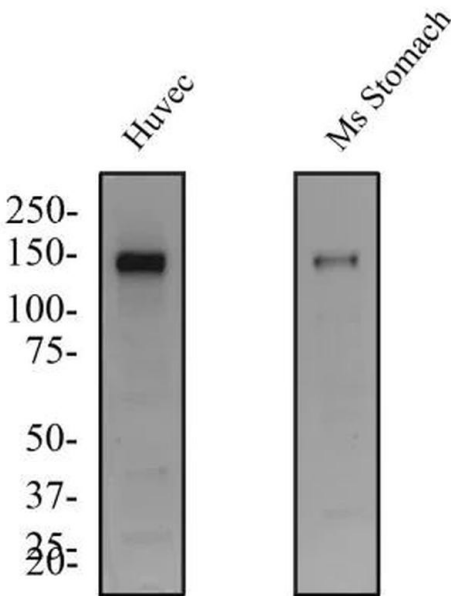
TEK Antibody (PA5-23082)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using TEK Polyclonal Antibody (Product # PA5-23082), shows increased expression of proteins in HUVEC cell upon treatment with Cobalt Chloride and IL-1 β. {TM}



TEK Antibody (PA5-23082) in WB

Western blot analysis of TEK in human Huvec cells and mouse stomach tissue. Samples were incubated in TEK polyclonal antibody (Product # PA5-23082) using a dilution of 1.0 μg/mL followed by an anti-rabbit HRP secondary antibody. Separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. Detection: chemiluminescence.



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