

Claudin 5 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Dog, Rabbit, Rat, Pig, Bovine, Human, Mouse, Chicken, Xenopus
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide derived from the C-terminal region of mouse Claudin-5
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533157

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	48 Publications
Immunohistochemistry (IHC)	-	52 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	3 Publications
Immunohistochemistry (PFA fixed) (IHC (PFA))	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	8 Publications
Immunohistochemistry - Free Floating (IHC (Free))	-	1 Publication
Immunocytochemistry (ICC/IF)	Assay-dependent	30 Publications
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	-	1 Publication
Miscellaneous PubMed (Misc)	-	7 Publications

Western Blot (48)

<p>Frontiers in physiology</p> <p>Kidney Ischemia/Reperfusion Injury Induces Changes in the Drug Transporter Expression at the Blood-Brain Barrier <i>in vivo</i> and <i>in vitro</i>.</p> <p>"34-1600 was used in Western Blotting to creat an in vitro co-culture model based on human kidney cells of the proximal tubule (HK-2) and brain microvascular endothelial cells (BMEC) and use it to study the cellular mechanism of kidney and brain crosstalk in renal ischemia/reperfusion injury."</p> <p>Authors: Burek M,Burmester S,Salvador E,Möller-Ehrlich K,Schneider R,Roewer N,Nagai M,Förster CY</p>	<p>Year 2023</p> <p>Species Mouse</p> <p>Dilution 1:200</p>
<p>Folia morphologica</p> <p>Curcumin reduces blood-nerve barrier abnormalities and cytotoxicity to endothelial cells and pericytes induced by cisplatin.</p> <p>"34-1600 was used in Western Blotting to investigate if cisplatin causes blood-nerve barrier disruption in the nerves and might result in neuropathy."</p> <p>Authors: Kobutree P,Tothonglor A,Roumwong A,Jindatip D,Agthong S</p>	<p>Year 2023</p> <p>Species Human</p> <p>Dilution 1:200</p>

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Immunohistochemistry (52)

<p>Journal of translational medicine</p> <p>CCL5/CCR5-mediated peripheral inflammation exacerbates bloodbrain barrier disruption after intracerebral hemorrhage in mice.</p> <p>"34-1600 was used in Immunohistochemistry-immunofluorescence to reveal that severe peripheral inflammation increased CCL5/CCR5 axis activation in multiple inflammatory cell types, including microglia, astrocytes, and monocytes, and aggravated BBB disruption and neurobehavioral dysfunction after ICH, possibly in part through the JAK2/STAT3 signaling pathway."</p> <p>Authors: Lin J,Xu Y,Guo P,Chen YJ,Zhou J,Xia M,Tan B,Liu X,Feng H,Chen Y</p>	<p>Year 2023</p> <p>Species Mouse</p> <p>Dilution 1:200</p>
<p>Experimental & molecular medicine</p> <p>An agonistic anti-Tie2 antibody suppresses the normal-to-tumor vascular transition in the glioblastoma invasion zone.</p> <p>"34-1600 was used in Immunohistochemistry-immunofluorescence to reveal that the normal-to-tumor vascular transition is spatiotemporally associated with GBM invasion and may be controlled by Tie2 activation via a novel mechanism of action."</p> <p>Authors: Lee E, Lee EA, Kong E, Chon H, Laiqui-Condori M, Park CH, Park BY, Kang NR, Yoo JS, Lee HS, Kim HS, Park SH, Choi SW, Vestweber D, Lee JH, Kim P, Lee WS, Kim I</p>	<p>Year 2023</p> <p>Species Mouse</p>

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More applications with references on thermofisher.com

- IHC (P) (3)
- IHC (PFA) (1)
- IHC (F) (8)
- IHC (Free) (1)
- ICC/IF (30)
- IP (1)
- Misc (7)

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