

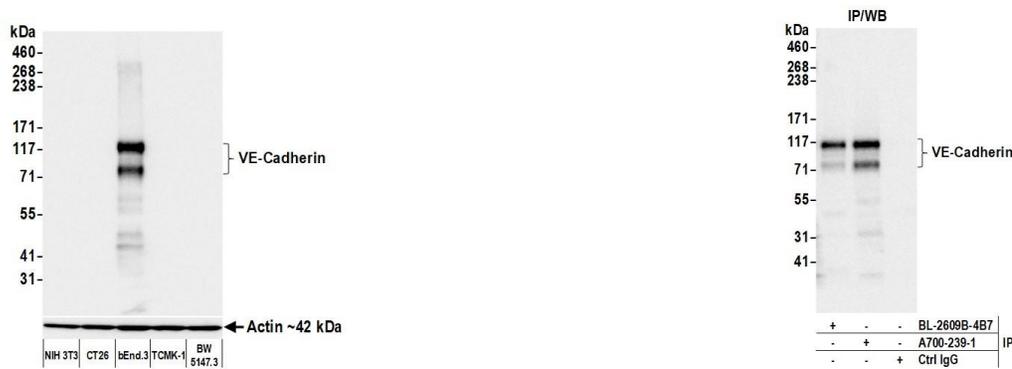
VE–Cadherin Recombinant Monoclonal Antibody [BLR239K]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_033998.2
Catalog No.	A700–239	Uniprot ID	P55284
Lot No.	1	GeneID	12562

APPLICATIONS	WB, IP, IHC, ICC
SPECIES REACTIVITY	Mouse
AMOUNT	100 µl (50+ tests)
CONCENTRATION	500 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR239K
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a recombinant protein representing the extracellular domain of mouse Cadherin–5 (aka VE–Cadherin, residues 25–595, NP_033998.2).
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:1,000 Immunoprecipitation 12 µl/1 mg lysate Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.
IHC MOUSE CONTROLS	Gut, Lung, Uterus, bEnd.3 Cells
ADDITIONAL INFO	https://www.fortislife.com/p/A700-239 Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: April 14, 2023

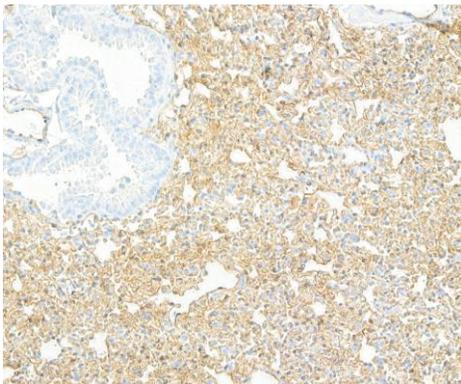


Detection of mouse VE-Cadherin by western blot.

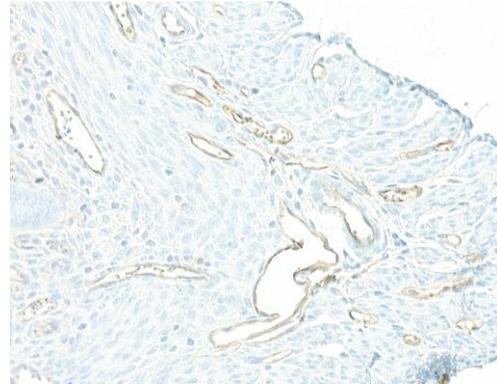
Samples: Whole cell lysate (2 µg) from NIH 3T3, CT26, bEnd.3, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. **Antibody:** Rabbit anti-VE-Cadherin recombinant monoclonal antibody [BLR239K] (A700-239 lot 1) used at 1:1000. **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-101P). **Detection:** Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).

Detection of mouse VE-Cadherin by western blot of immunoprecipitates.

Samples: Whole cell lysate (1.0 mg per IP reaction; 5% of IP loaded) from bEnd.3 cells prepared using NETN lysis buffer. **Antibodies:** Rabbit anti-VE-Cadherin recombinant monoclonal antibody [BLR239K] (A700-239 lot 1) used for IP at 12 µl/mg lysate. VE-Cadherin was also immunoprecipitated by a second antibody against a different epitope of VE-Cadherin (BL-2609B-4B7). For blotting immunoprecipitated VE-Cadherin, A700-239 was used at 1:1000. **Detection:** Chemiluminescence with an exposure time of 1 second.



Detection of mouse VE-Cadherin by immunohistochemistry. **Sample:** FFPE section of mouse lung. **Antibody:** Rabbit anti-mVE-Cadherin recombinant monoclonal antibody [BLR239K] (A700-239). **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse VE-Cadherin by immunohistochemistry. **Sample:** FFPE section of mouse uterus. **Antibody:** Rabbit anti-mVE-Cadherin recombinant monoclonal antibody [BLR239K] (A700-239). **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse VE-Cadherin by immunocytochemistry. *Sample:* FFPE section of bEnd cells. *Antibody:* Rabbit anti-mVE-Cadherin recombinant monoclonal antibody [BLR239K] (A700-239). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).