

**DESCRIPTION**

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse Cadherin-17 in direct ELISAs and Western blots.
<b>Source</b>	Recombinant Monoclonal Rabbit IgG Clone # 1262C
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse Cadherin-17 Glu22-Met786 Accession # Q9R100
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

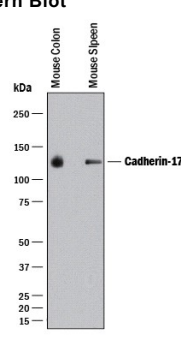
**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	0.1 µg/mL	See Below
<b>Immunohistochemistry</b>	1-25 µg/mL	See Below
<b>Simple Western</b>	1 µg/mL	See Below

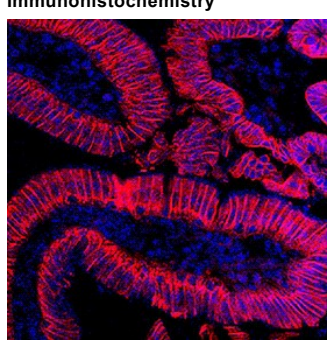
**DATA**

**Western Blot**



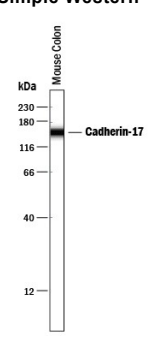
**Detection of Mouse Cadherin-17 by Western Blot.** Western blot shows lysates of mouse colon tissue and mouse spleen tissue. PVDF membrane was probed with 0.1 µg/mL of Rabbit Anti-Mouse Cadherin-17 Monoclonal Antibody (Catalog # MAB8524) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for Cadherin-17 at approximately 130 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

**Immunohistochemistry**




**Cadherin-17 in Mouse Intestine.** Cadherin-17 was detected in perfusion fixed frozen sections of mouse intestine using Rabbit Anti-Mouse Cadherin-17 Monoclonal Antibody (Catalog # MAB8524) at 1.7 µg/mL overnight at 4 °C. Tissue was stained using the NorthernLights™ 557-conjugated Anti-Rabbit IgG Secondary Antibody (red; Catalog # NL004) and counterstained with DAPI (blue). Specific staining was localized to plasma membranes. View our protocol for [Fluorescent IHC Staining of Frozen Tissue Sections](#).

**Simple Western**



**Detection of Mouse Cadherin-17 by Simple Western™.** Simple Western lane view shows lysates of mouse colon tissue, loaded at 0.2 mg/mL. A specific band was detected for Cadherin-17 at approximately 153 kDa (as indicated) using 1 µg/mL of Rabbit Anti-Mouse Cadherin-17 Monoclonal Antibody (Catalog # MAB8524). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.



**PREPARATION AND STORAGE**

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

**BACKGROUND**

Cadherin-17, also known as liver-intestine (LI) Cadherin, belongs to the cadherin family of calcium-dependent cell adhesion molecules. It associates homotypically and is selectively expressed on gastric and intestinal mucosa.