

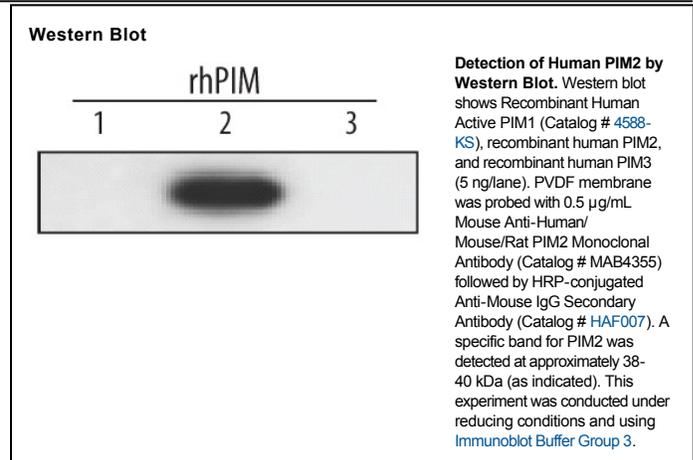
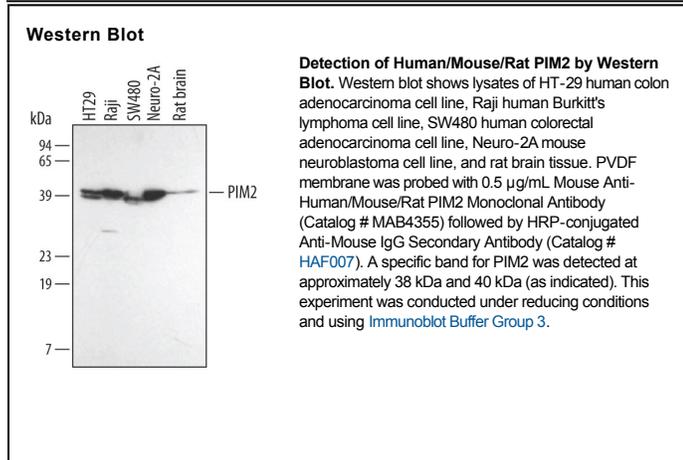
DESCRIPTION	
<b>Species Reactivity</b>	Human/Mouse/Rat
<b>Specificity</b>	Detects human, mouse, and rat PIM2 in Western blots. In Western blots, no cross-reactivity with recombinant human PIM1 or PIM3 is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 447023
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human PIM2 Met1-Pro311 Accession # Q9P1W9
<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 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.

	Recommended Concentration	Sample
<b>Western Blot</b>	0.5 µg/mL	See Below

**DATA**



**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**

The three members of the *Pim* family of proto-oncogenes encode the serine/threonine kinases PIM1, PIM2, and PIM3. Multiple isoforms of PIM2 are expressed in many tissues, with high levels in spleen, thymus, testis, small intestine, and colon. PIM2 is implicated as a mediator of IL-3 survival signaling in hematopoietic cells, and dysregulated PIM2 expression is observed in prostate cancer, lymphoma, leukemia, and multiple myeloma.