

**DESCRIPTION**

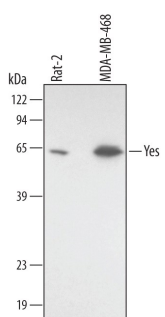
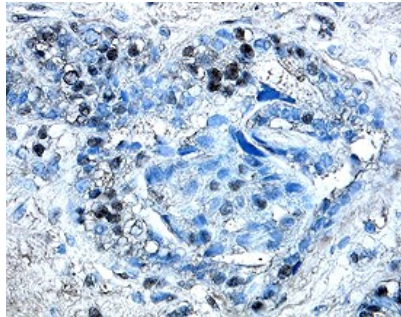
<b>Species Reactivity</b>	Human/Mouse/Rat
<b>Specificity</b>	Detects endogenous human, mouse, and rat Yes in Western blots.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 339827
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human Yes Met1-Gly88 Accession # P07947.3
<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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	0.5 µg/mL	See Below
<b>Immunohistochemistry</b>	8-25 µg/mL	See Below

**DATA**

<p><b>Western Blot</b></p>  <p><b>Detection of Human and Rat Yes by Western Blot.</b> Western blot shows lysates of Rat-2 rat embryonic fibroblast cell line and MDA-MB-468 human breast cancer cell line. PVDF membrane was probed with 0.5 µg/mL of Human/Mouse/Rat Yes Monoclonal Antibody (Catalog # MAB32051) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for Yes at approximately 62 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.</p>	<p><b>Immunohistochemistry</b></p>  <p><b>Yes in Human Breast Cancer Tissue.</b> Yes was detected in immersion fixed paraffin-embedded sections of human breast cancer tissue using 25 µg/mL Human/Mouse/Rat Yes Monoclonal Antibody (Catalog # MAB32051) overnight at 4 °C. Tissue was stained with the Anti-Mouse HRP-DAB Cell &amp; Tissue Staining Kit (brown; Catalog # CTS002) and counterstained with hematoxylin (blue). View our protocol for <a href="#">Chromogenic IHC Staining of Paraffin-embedded Tissue Sections</a>.</p>
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**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**

Yes is the cellular homolog of the oncogenic protein encoded by the Yamaguchi 73 and Esh avian sarcoma viruses. After Src, Yes is the most widely expressed member of the Src family of nonreceptor tyrosine kinases. Src family kinases regulate an array of cellular processes, including growth factor signaling, cytoskeleton dynamics, and cell proliferation.