

#### DESCRIPTION

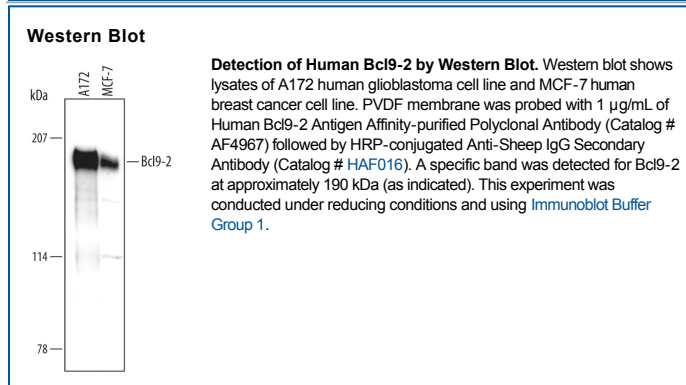
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects endogenous human Bcl9-2 in Western blots.
<b>Source</b>	Polyclonal Sheep IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human Bcl9-2 Met38-Val206 Accession # Q86UU0
<b>Formulation</b>	Lyophilized 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>	1 µg/mL	See Below

#### DATA



#### PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.2 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

Bcl9-2 (B-cell lymphoma 9-like protein; also Bcl9L and B9L) is a 200-220 kDa transcriptional regulator that belongs to the Bcl9 family of proteins. It is expressed in multiple tissues, particularly breast, and serves to recruit Pygopus to the Wnt-pathway β-catenin-TCF complex in the nucleus. Bcl9-2 and Bcl9 are considered evolutionary duplicates of Legless that perform the same task with different regulation. Human Bcl9-2 is 1499 amino acids (aa) in length. It contains two Pro-rich regions (aa 280-493 and 891-1378). There are four potential alternate start sites at Met879, Met1000, Met708 and Met472. The last two start sites are accompanied by a deletion of aa 1241-1286, and a 62 aa substitution for the C-terminal 167 aa, respectively. Over aa 38-206, human Bcl9-2 is 94% aa identical to mouse Bcl9-2. Bcl9-2 has been identified as a phosphoprotein in several human cancer cell lines and mouse liver.