

DESCRIPTION

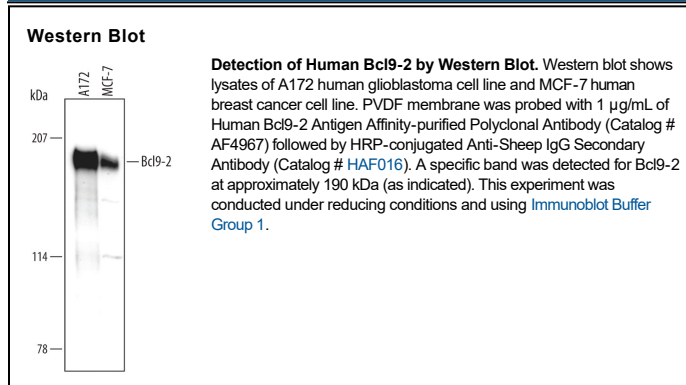
Species Reactivity	Human
Specificity	Detects endogenous human Bcl9-2 in Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Bcl9-2 Met38-Val206 Accession # Q86UU0
Formulation	Lyophilized from a 0.2 µm filtered solution 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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	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
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.