

DESCRIPTION

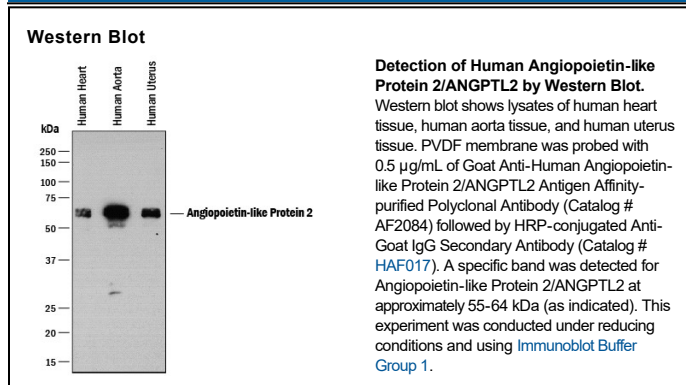
Species Reactivity	Human
Specificity	Detects human Angiopoietin-like 2 (ANGPTL2) in direct ELISAs and Western blots. In direct ELISAs, approximately 20% cross-reactivity with recombinant mouse ANGPTL2 is observed and less than 1% cross-reactivity with recombinant human (rh) ANGPTL6 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Angiopoietin-like 2 Gln23-Phe492 Accession # Q9UKU9
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	0.5 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

ANGPTL2, also known as angiopoietin-related protein 2 (ARP2), contains an N-terminal coiled-coil domain and a C-terminal fibrinogen-like domain, which are structurally conserved in angiopoietins. Unlike angiopoietins which are ligands for TIE2, ANGPTL2 is an orphan ligand that does not bind TIE2.