

DESCRIPTION

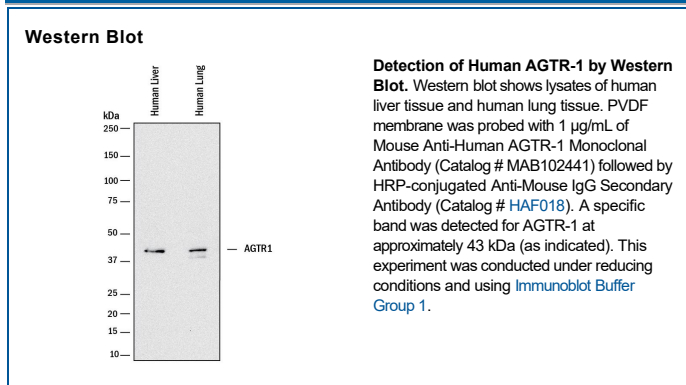
Species Reactivity	Human
Specificity	Detects human AGTR-1 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 1010106
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic peptide containing human AGTR-1 Accession # P30556
Formulation	Lyophilized 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 0.5 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

Type-1 angiotensin II receptor, AGTR1, is a seven transmembrane domain (7TM) G protein-coupled receptor (GPCR) that mediates the cardiovascular effects of angiotensin II. At least four transcript variants have been described for the AGTR1 gene.