

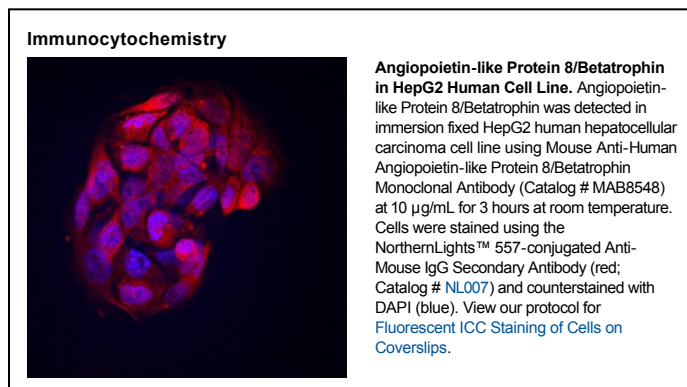
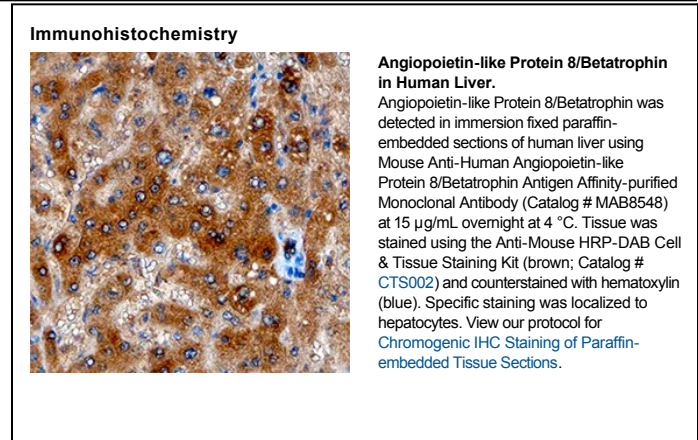
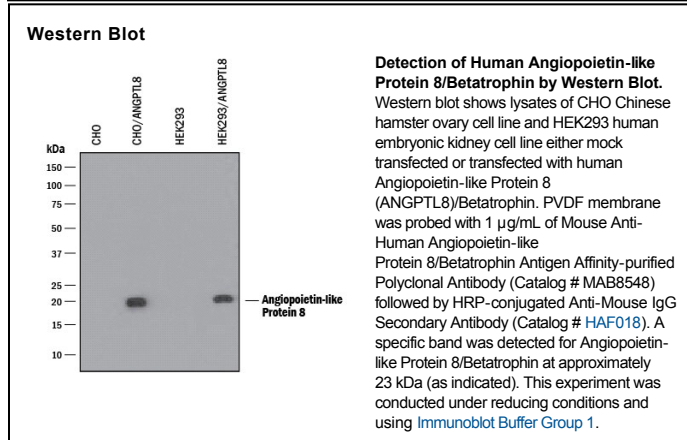
DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human Angiotensin-like Protein 8/Betatrophin in direct ELISA and Western Blots.
Source	Monoclonal Mouse IgG ₁ Clone # 910248
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human Angiotensin-like Protein 8/Betatrophin synthetic peptide with sequences corresponding to the N-term region Accession # Q6UXH0
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 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
Immunocytochemistry	8-25 µg/mL	See Below
Immunohistochemistry	8-25 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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <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.

Human Angiopoietin-like Protein 8/Betatrophin Antibody

Monoclonal Mouse IgG₁ Clone # 910248

Catalog Number: MAB8548

BACKGROUND

Betatrophin also known as C19orf80, ANGPTL8, and TD26, is a secreted hormone protein. It is 198 amino acids (aa) in length, and shares 72% aa identity with mouse Betatrophin. It is primarily expressed in the liver and adipose tissue and has been shown to be increased in the plasma of diabetic patients. Additionally, Betatrophin has been demonstrated to increase the proliferation of beta cells in the pancreas of mice.