

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FXYD5/Dysadherin in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human FXYD5/Dysadherin Gln22-Asp133 Accession # Q96DB9
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.

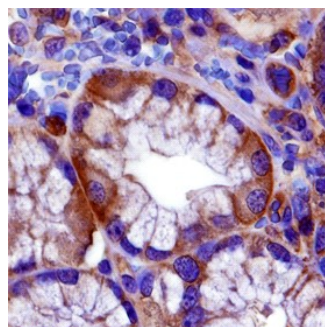
APPLICATIONS

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
Immunohistochemistry	5-15 µg/mL	See Below

DATA

Immunohistochemistry



FXYD5/Dysadherin in Human Stomach.
FXYD5/Dysadherin was detected in immersion fixed paraffin-embedded sections of human stomach using Goat Anti-Human FXYD5/Dysadherin Antigen Affinity-purified Polyclonal Antibody (Catalog # AF8300) at 1 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS008) and counterstained with hematoxylin (blue). Specific staining was localized to plasma membranes and cytoplasm of epithelial cells. View our protocol for [Chromogenic IHC Staining of Paraffin-embedded Tissue Sections](#).

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

Human FXYD5 (FXYD domain-containing ion transport regulator 5 and Dysadherin) is a 24 kDa glycoprotein and a member of the FXYD family of single span type I membrane proteins. This group of proteins has been shown to interact with the Na,K-ATPase and to modulate its properties. FXYD5 is structurally different from other family members and has been suggested to play a role in regulating E-cadherin and promoting metastasis. FXYD5 is preferentially expressed in kidney, intestine, spleen, stomach and lung. Human FXYD5 is 30% aa identical to mouse Fxyd5.