

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
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.

Immunohistochemistry Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

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.

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