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PRODUCT DATASHEET

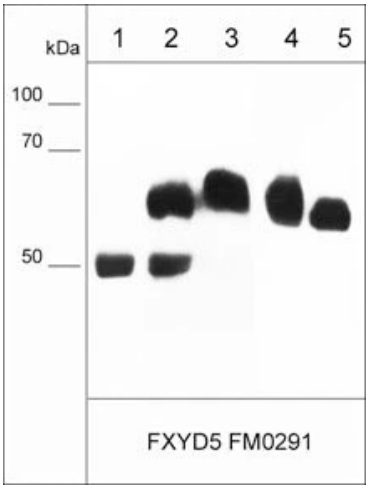
Anti-FXYD5/Dysadherin (Extracellular region) Antibody

Product Details

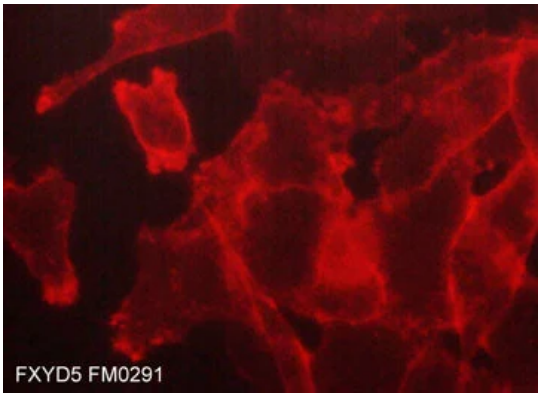
Available Variants	100 µL (SKU:FM0291)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M029
Gene Name	FXYD5
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100 IP: 1:100
Species Reactivity	Human
Immunogen	Clone (M029) was generated from a proprietary antigen related to the native human FXYD5 protein expressed in A431 epidermoid carcinoma cell line.
Specificity	Clone M029 mouse monoclonal antibody detects a 35-55 kDa* band on SDS-PAGE immunoblots of human A431, A549, MeWo, MDA-MB-231 cell, as well as human breast, lung, and skin tissues. The antibody works for western blot, immunoprecipitation, ELISA, and immunocytochemistry, as well as detects the FXYD5 protein on live cells.
Molecular Weight	35-55
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	Q96DB9 UniProt Summary: Associates with and regulates the activity of the sodium/potassium-transporting ATPase (NKA) which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. May increase NKA activity by increasing the apparent affinity for Na(+). Involved in down-regulation of E-cadherin which results in reduced cell adhesion. Promotes metastasis.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	53827

Product Images



Western blot analysis of FXYD5 protein expression. Immunoprecipitates using FM0311 FXYD5 antibody only (lane 1) or FM0311 with A431 lysate (lane 2) or A431 input only (lane 3). Human cell lysates MDA-MB-231 (lane 4) or MeWo (lane 5). The blot was probed with mouse monoclonal FXYD5 (FM0291) at 1:1000.



Immunocytochemical labeling of FXYD5 in paraformaldehyde fixed human MDA-MB-231 cells. The cells were labeled with mouse monoclonal FXYD5 (FM0291). The antibody was detected using goat anti-mouse Ig DyLight® 594.