

Anti-FXYD5 Monoclonal Antibody

Product Details

Molecular Weight: 150 kDa

Properties

Antigen Details

Synonyms: FXYD domain-containing ion transport regulator 5;Dysadherin

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Anti-FXYD5 Monoclonal Antibody

Product Details

Ig Type:	Rabbit monoclonal IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	150 kDa
Purification:	Protein A Affinity Purified

Applications

Verified Activity:	Flow cytometry analysis of FXYD5 overexpressed 293F cells with TMAZ-0196BI, which was counjugated with SA-PE (red). The WT 293F control is black line.
Application:	ELISA, FCM
Recommended	0.1-0.2 µg/10E6 cells for FCM; 1 ng/µl for ELISA

Properties

Purity:	> 95% as determined by SDS-PAGE.
Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	FXYD5
Antigen Species:	Human
Gene ID:	53827
Uniprot ID:	Q96DB9
Synonyms:	FXYD domain-containing ion transport regulator 5;Dysadherin
Biology Area:	Drug Target

Research Background

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 (By similarity). May increase NKA activity by increasing the apparent affinity for Na(+) (PubMed: 18263667). Involved in down-regulation of E-cadherin which results in reduced cell adhesion. Promotes metastasis (PubMed: 11756660)

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