

## ARG63183 anti-Dysadherin antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes Dysadherin
Tested Reactivity	Hu
Tested Application	WB
Specificity	NP_054883.3, NP_659003.1 and NP_001158077.1 are variants that represent the same protein.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Dysadherin
Species	Human
Immunogen	GKCRQLSRLCRNHCR
Conjugation	Un-conjugated
Alternate Names	HSPC113; KCT1; IWU1; Dysadherin; FXVD domain-containing ion transport regulator 5; DYSAD; PRO6241; RIC; OIT2

### Application Instructions

Application table	Application	Dilution
	WB	Assay - dependent
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	<a href="#">GeneID: 53827 Human</a>  <a href="#">Swiss-port # Q96DB9 Human</a>
Background	<p>This gene encodes a member of a family of small membrane proteins that share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXYD-domain containing ion transport regulator. Mouse FXYD5 has been termed RIC (Related to Ion Channel). FXYD2, also known as the gamma subunit of the Na,K-ATPase, regulates the properties of that enzyme. FXYD1 (phospholemman), FXYD2 (gamma), FXYD3 (MAT-8), FXYD4 (CHIF), and FXYD5 (RIC) have been shown to induce channel activity in experimental expression systems. Transmembrane topology has been established for two family members (FXYD1 and FXYD2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. This gene product, FXYD5, is a glycoprotein that functions in the up-regulation of chemokine production, and it is involved in the reduction of cell adhesion via its ability to down-regulate E-cadherin. It also promotes metastasis, and has been linked to a variety of cancers. Alternative splicing results in multiple transcript variants. [RefSeq curation by Kathleen J. Sweadner, Ph.D., sweadner@helix.mgh.harvard.edu., Sep 2009]</p>
Research Area	Controls and Markers antibody; Signaling Transduction antibody
Calculated Mw	19 kDa
PTM	Glycosylated.

Images



ARG63183 anti-Dysadherin antibody WB image

Western Blot: Human Spleen lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63183 anti-Dysadherin antibody at 0.5 µg/ml dilution.