

## 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; FXYD 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

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### Database links

[GeneID: 53827 Human](#)

[Swiss-port # Q96DB9 Human](#)

### Background

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]

### Research Area

Controls and Markers antibody; Signaling Transduction antibody

### Calculated Mw

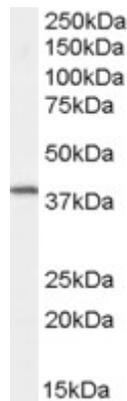
19 kDa

### PTM

Glycosylated.

## Images

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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.