

For Research Use Only

# Dysadherin Recombinant monoclonal antibody, PBS Only

Catalog Number: 85025-6-PBS



## Basic Information

<b>Catalog Number:</b> 85025-6-PBS	<b>GenBank Accession Number:</b> NM_001164605.2	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 53827	<b>CloneNo.:</b> 252907A7
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q96DB9	
<b>Immunogen Catalog Number:</b> EG5715	<b>Full Name:</b> FXYP domain containing ion transport regulator 5	
	<b>Calculated MW:</b> 19 kDa	
	<b>Observed MW:</b> 35-55 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Dysadherin (also known as FXYP5) is a cancer-related transmembrane glycoprotein, belonging to FXYP family. It is overexpressed on the surface of many tumor cells, and promotes the movement, migration and metastasis of tumor cells by reducing E-cadherin(E- cadherin) dependent intercellular adhesion. Its main function also includes regulating the activity of na, k-ATPase. It is also a typical "abnormal migration" protein-its SDS-PAGE apparent molecular weight (35-55 kDa) is much higher than the theoretical calculation value (~20 kDa). This difference is mainly caused by extensive O- glycosylation modification, which is particularly important in cancer research, because tumor cells often show a higher degree of glycosylation (50-55 kDa), which may be related to their metastasis promoting function(PMID: 17442482;41535258).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

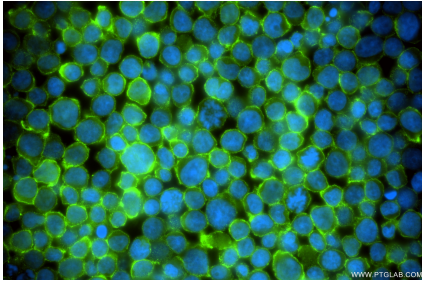
T: 4006900926

E: Proteintech-CN@ptglab.com

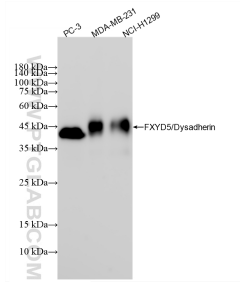
W: ptgcn.com

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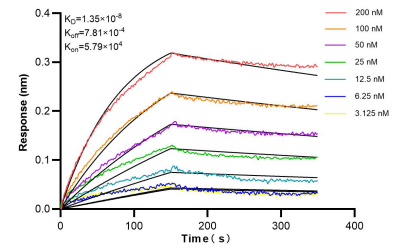
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using Dysadherin antibody (85025-6-RR, Clone: 252907A7) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 85025-6-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 85025-6-RR (FXYD5/Dysadherin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85025-6-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 85025-6-RR against Human Dysadherin were performed. The affinity constant is 13,5 nM.