

Dysadherin (FL-178): sc-98246

BACKGROUND

Dysadherin (FXYP domain-containing ion transport regulator 5) is a cancer-associated cell membrane glycoprotein. Dysadherin downregulates the expression of E-cadherin, the prime mediator of cell-cell adhesion in epithelial cells, by a post-transcriptional mechanism. Decreasing intercellular adhesiveness facilitates the metastasis of cancer cells. Dysadherin is present in spleen, lung, skeletal muscle and testis tissue, and maps to human chromosome 19q13.12.

REFERENCES

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- SWISS-PROT/TrEMBL (P97808). World Wide Web URL: <http://www.uniprot.org/uniprot/P97808>
- LocusLink Report (LocusID: 53827). <http://www.ncbi.nlm.nih.gov/LocusLink/>

CHROMOSOMAL LOCATION

Genetic locus: Genetic locus: FXYP5 (human) mapping to 19q13.12.

SOURCE

Dysadherin (FL-178) is a rabbit polyclonal antibody raised against amino acids 1-178 representing full length Dysadherin of human origin.

PRODUCT

Each vial contains 200 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

APPLICATIONS

Dysadherin (FL-178) is recommended for detection of Dysadherin isoform 1 and 2 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for Dysadherin siRNA (h): sc-45745, Dysadherin shRNA Plasmid (h): sc-45745-SH and Dysadherin shRNA (h) Lentiviral Particles: sc-45745-V.

Molecular Weight (predicted) of Dysadherin: 19 kDa.

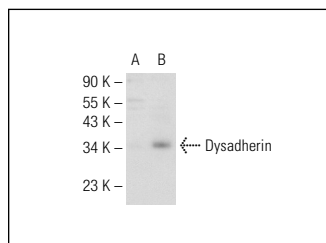
Molecular Weight (observed) of Dysadherin: 35/47 kDa.

Positive Controls: Jurkat whole cell lysate: sc-2204, Dysadherin (h): 293T Lysate: sc-159771 or SHP-77 whole cell lysate.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml). 3) Immunofluorescence: use goat anti-rabbit IgG-FITC: sc-2012 (dilution range: 1:100-1:400) or goat anti-rabbit IgG-TR: sc-2780 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

DATA



Dysadherin (FL-178): sc-98246. Western blot analysis of Dysadherin expression in non-transfected: sc-117752 (A) and human Dysadherin transfected: sc-159771 (B) 293T whole cell lysates.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

MONOS
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Try **Dysadherin (E-12): sc-515254** or **Dysadherin (G-6): sc-390412**, our highly recommended monoclonal alternatives to Dysadherin (FL-178).