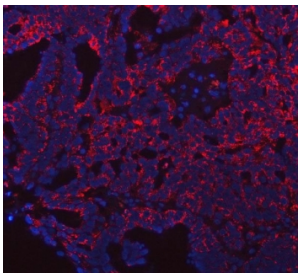
PRDM15 Antibody / PR/SET domain 15 (RQ8034)

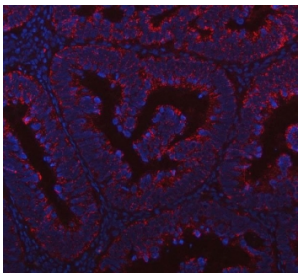
Catalog No.	Formulation	Size
RQ8034	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

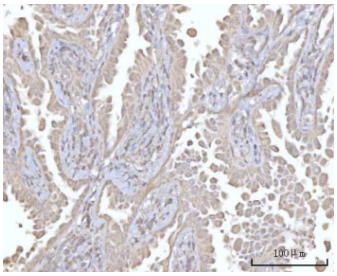
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P57071
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells Immunofluorescence: 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This PRDM15 antibody is available for research use only.



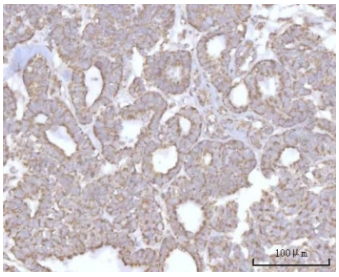
Immunofluorescent staining of FFPE human ovarian cancer tissue with PRDM15 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



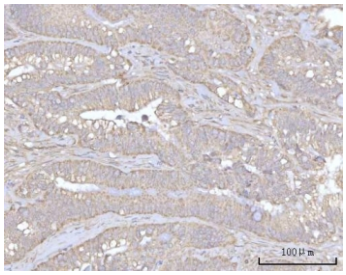
Immunofluorescent staining of FFPE human intestinal cancer tissue with PRDM15 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



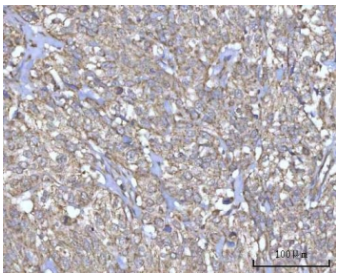
IHC staining of FFPE human lung adenocarcinoma tissue with PRDM15 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



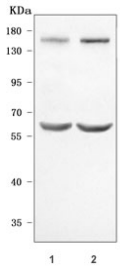
IHC staining of FFPE human ovary serous carcinoma tissue with PRDM15 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



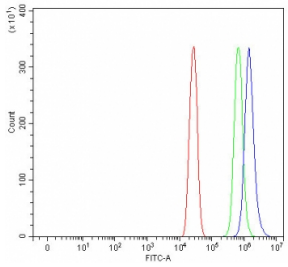
IHC staining of FFPE human rectum adenocarcinoma tissue with PRDM15 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human urothelial carcinoma tissue with PRDM15 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) 293T and 2) MCF7 cell lysate with PRDM15 antibody. This protein has multiple isoforms with predicted molecular weights: ~169 kDa, ~134 kDa and ~62 kDa.



Flow cytometry testing of fixed and permeabilized human A431 cells with PRDM15 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PRDM15 antibody.

Description

PR/SET domain 15 is a protein that in humans is encoded by the PRDM15 gene. Predicted to enable DNA-binding transcription activator activity, RNA polymerase II-specific; RNA polymerase II cis-regulatory region sequence-specific DNA binding activity; and promoter-specific chromatin binding activity. Predicted to be involved in positive regulation of transcription by RNA polymerase II; regulation of signal transduction; and regulation of stem cell division. Located in nuclear body.

Application Notes

Optimal dilution of the PRDM15 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D24-Q1494) was used as the immunogen for the PRDM15 antibody.

Storage

After reconstitution, the PRDM15 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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