ARG43918
anti-PRDM15 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PRDM15
Tested Reactivity	Hu
Tested Application	ELISA, FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PRDM15
Species	Human
Immunogen	Human PRDM15 recombinant protein
Conjugation	Un-conjugated
Alternate Names	PRDM15; PR/SET Domain 15; C21orf83; ZNF298; PR Domain Zinc Finger Protein 15; PR Domain Containing 15; Zinc Finger Protein 298; PR Domain 15; Chromosome 21 Open Reading Frame 83; PR Domain-Containing Protein 15; EC 2.1.1.-; PFM15

Application Instructions

Application table

Application	Dilution
ELISA	0.1-0.5 µg/ml
FACS	1-3 µg/1x10^6 cells
ICC/IF	5 µg/ml
IHC-P	2-5 µg/ml
WB	0.25-0.5 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

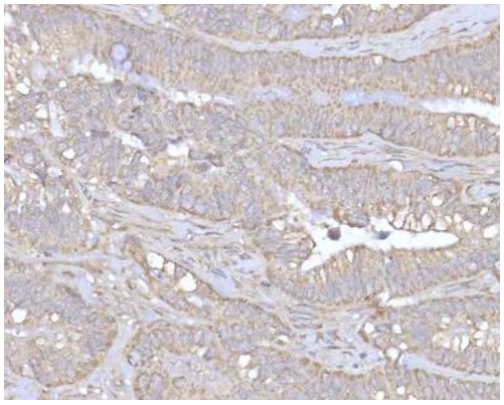
Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4 and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or 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

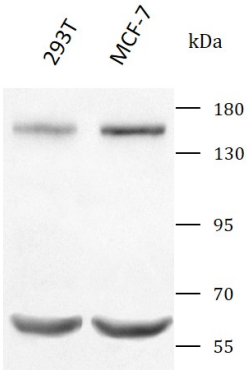
Gene Symbol	PRDM15
Gene Full Name	PR/SET Domain 15
Background	Predicted to enable DNA-binding transcription activator activity, RNA polymerase II-specific; RNA polymerase II cis-regulatory region sequence-specific DNA binding activity; and promoter-specific chromatin binding activity. Predicted to be involved in positive regulation of transcription by RNA polymerase II; regulation of signal transduction; and regulation of stem cell division. Located in nuclear body.
Function	Sequence-specific DNA-binding transcriptional regulator. Plays a role as a molecular node in a transcriptional network regulating embryonic development and cell fate decision. Stimulates the expression of upstream key transcriptional activators and repressors of the Wnt/beta-catenin and MAPK/ERK pathways, respectively, that are essential for naive pluripotency and self-renewal maintenance of embryonic stem cells (ESCs). Specifically promotes SPRY1 and RSPO1 transcription activation through recognition and direct binding of a specific DNA sequence in their promoter regions. Involved in early embryo development.
Calculated Mw	170 kDa
PTM	Isopeptide bond, Ubl conjugation
Cellular Localization	Nucleus

Images



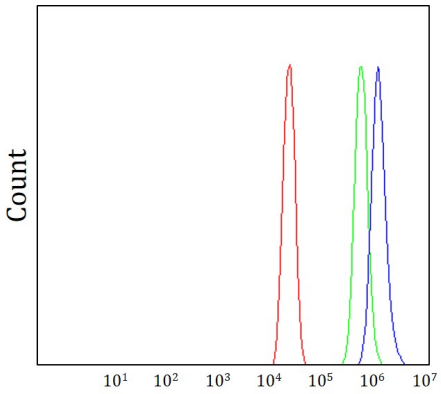
ARG43918 anti-PRDM15 antibody IHC-P image

Immunohistochemistry: Human rectum adenocarcinoma stained with ARG43918 anti-PRDM15 antibody at 2 µg/ml dilution.



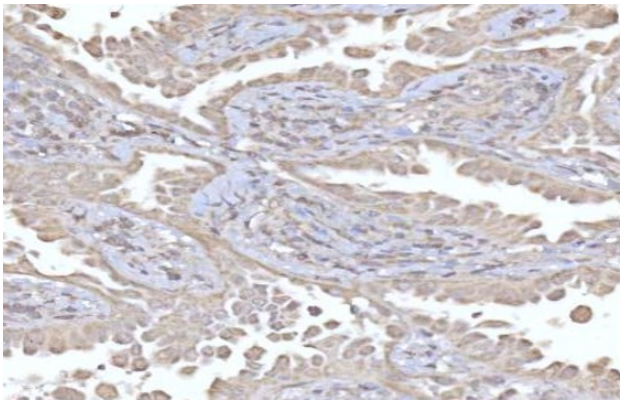
ARG43918 anti-PRDM15 antibody WB image

Western blot: 293T and MCF-7 stained with ARG43918 anti-PRDM15 antibody at 0.5 µg/mL dilution.



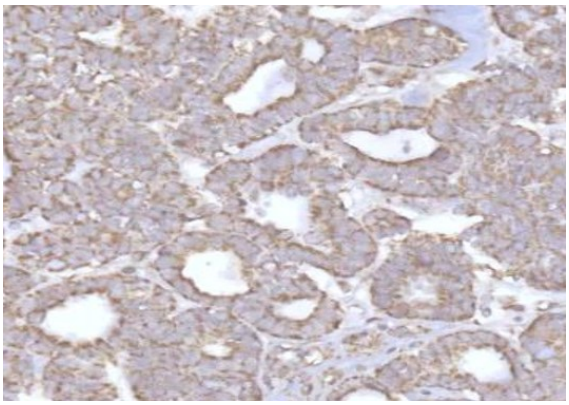
ARG43918 anti-PRDM15 antibody FACS image

Flow Cytometry: A431 cells stained with ARG43918 anti-PRDM15 antibody (blue) at 1 µg/1x10^6 cells dilution.



ARG43918 anti-PRDM15 antibody IHC-P image

Immunohistochemistry: Human lung adenocarcinoma stained with ARG43918 anti-PRDM15 antibody at 2 µg/ml dilution.



ARG43918 anti-PRDM15 antibody IHC-P image

Immunohistochemistry: Human ovary serous stained with ARG43918 anti-PRDM15 antibody at 2 µg/ml dilution.