

Datasheet for ABIN7600853
anti-PRDM5 antibody (AA 24-630)



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Overview

Quantity:	100 µg
Target:	PRDM5
Binding Specificity:	AA 24-630
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRDM5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-PRDM5 Antibody Picoband®
Immunogen:	E.coli-derived human PRDM5 recombinant protein (Position: Y24-S630).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PRDM5 Antibody Picoband® (ABIN7600853). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	PRDM5
Alternative Name:	PRDM5 (PRDM5 Products)
Background:	Synonyms: PR domain zinc finger protein 5, PR domain-containing protein 5, PRDM5, PFM2 Tissue Specificity: Widely expressed with highest levels in colon and ovary. Tends to be silenced in breast, colorectal, gastric and liver cancer tissues. Background: PR domain zinc finger protein 5 is a protein that in humans is encoded by the PRDM5 gene. It is mapped to 4q27. The protein encoded by this gene is a transcription factor of the PR-domain protein family. It contains a PR-domain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis.
Molecular Weight:	75 kDa
Gene ID:	11107

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 2 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Aldahmesh, M. A., Mohamed, J. Y., Alkuraya, F. S. A novel mutation in PRDM5 in brittle cornea syndrome. (Letter) Clin. Genet. 81: 198-199, 2012. 2. Burkitt Wright, E. M. M., Spencer, H. L., Daly, S. B., Manson, F. D. C., Zeef, L. A. H., Urquhart, J., Zoppi, N., Bonshek, R., Tosounidis, I., Mohan, M., Madden, C., Dodds, A., and 11 others. Mutations in PRDM5 in brittle cornea syndrome identify a pathway regulating extracellular matrix development and maintenance. Am. J. Hum. Genet. 88: 767-777, 2011. Note: Erratum: Am. J. Hum. Genet. 89: 346 only, 2011. 3. Deng, Q., Huang, S. PRDM5 is silenced in human cancers and has growth suppressive activities. Oncogene 23: 4903-4910, 2004.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg NaN ₃ .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.