Datasheet for ABIN2668822

anti-RBPJ antibody

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Overview

Quantity:	100 µg
Target:	RBPJ
Reactivity:	Human
Host:	Rat
Clonality:	Monoclonal
Application:	Immunofluorescence (IF), Immunocytochemistry (ICC), Chromatin Immunoprecipitation (ChIP), Electrophoretic Mobility-Shift Assay (EMSA)

Product Details

Immunogen:	This antibody was raised against a full-length recombinant protein corresponding to human RBPJ.
Clone:	1F1
Isotype:	IgG2b
Purification:	Protein G Chromatography

Target Details

Target:	RBPJ
Alternative Name:	RBPJ (RBPJ Products)
Molecular Weight:	68 kDa
Gene ID:	3516

Target Details

Pathways:	Notch Signaling, Stem Cell Maintenance, Smooth Muscle Cell Migration

Application Details

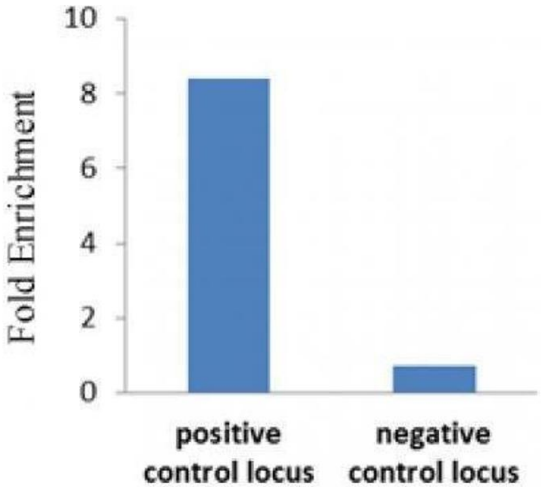
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	1 µg/µL
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Storage:	-20 °C
Storage Comment:	Antibodies in solution can be stored at -20 °C for 2 years.
Expiry Date:	6 months

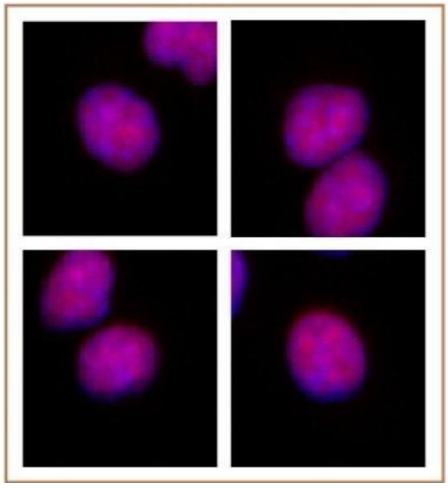
Publications

Product cited in:	Yoshimura, Takeya, Takahashi: "Molecular cloning of rat monocyte chemoattractant protein-1 (MCP-1) and its expression in rat spleen cells and tumor cell lines." in: **Biochemical and biophysical research communications**, Vol. 174, Issue 2, pp. 504-9, (1991) (PubMed).



Chromatin Immunoprecipitation

Image 1. RBPJ antibody (mAb) tested by ChIP. Chromatin IP was performed using chromatin of an Epstein-Barr virus infected lymphoblastoid cell line (2 x 10^6 cell eqivalents per ChIP) and RBPJ antibody or the equivalent amount of IgG negative control. Real time, quantitative PCR (RT-qPCR) was performed on DNA purified from each of the ChIP reactions using primer pairs for a positive and negative control region. Data are presented as Fold Enrichment of the ChIP antibody signal versus the negative control IgG.



Immunofluorescence

Image 2. RBPJ antibody (mAb) tested by immunofluorescence. Formaldehyde fixed HeLa cells stained with RBPJ antibody at a 0.5 µg/ml dilution.