.-online.com antibodies

Datasheet for ABIN6940961 anti-MAML2 antibody

5 Images



Overview

Quantity:	100 µg
Target:	MAML2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAML2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunostaining (ISt), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human MAML2 fragment
Clone:	MAML2-1302
Isotype:	IgG2a kappa
Purification:	Purified by Protein A/G

Target Details

Target:	MAML2
Alternative Name:	MAML2 (MAML2 Products)
Background:	MAML2 (mastermind-like protein 2), also known as MAM2, MAM3 or MLLMAML2, is a nuclear speckle protein that acts as a transcriptional co-activator for Notch receptors. The Notch signaling pathway influences cell fate by regulating the ability of precursor cells to properly

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6940961 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

	respond to developmental signals. MAML2 is a member of the mastermind-like family of
	proteins that are human homologs of the Drosophila melanogaster mastermind protein.
	Through its N-terminal region, MAML2 interacts with the ankyrin repeats of the Notch proteins
	Notch 1, Notch 2, Notch 3 and Notch 4. This interaction leads to formation of a DNA-binding
	complex with the Notch proteins and RBP-J a complex that can then induce HES1 gene
	expression. While the N-terminal domain of MAML2 is essential for proper Notch binding, the C-
	terminal domain of MAML2 is essential for transcriptional activation. A chromosomal
	aberration involving the gene encoding MAML2 is implicated in mucoepidermoid carcinomas,
	clear cell hidradenomas and benign Warthin tumors.
Molecular Weight:	125kDa
Gene ID:	84441
UniProt:	Q8IZL2
Application Details	

Application Notes:	Positive Control: MCF-7 cells. Pancreas or Placenta. Bladder or Colon Carcinoma.
	Known Application: Flow Cytometry (0.5-1 μ g/million cells), Immunofluorescence (0.5-1 μ
	g/mL), Western Blot (0.5-1 μ g/mL), Immunohistochemistry (Formalin-fixed) (0.5-1.0 μ g/mL for
	30 minutes at RT)(Staining of formalin-fixed tissues is enhanced by boiling tissue sections in
	10 mM Tris with 1 mM EDTA, pH 9.0 for 10-20 min followed by cooling at RT for
	20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

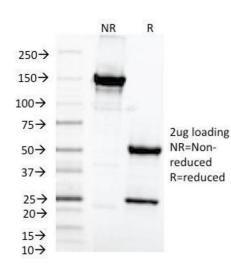
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
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,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6940961 | 09/10/2023 | Copyright antibodies-online. All rights reserved. Expiry Date:

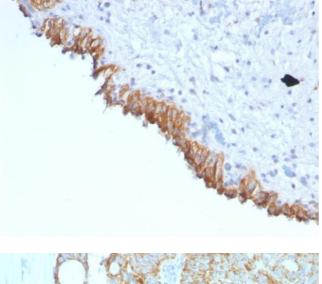
24 months

Images



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified MAML2 Monoclonal Antibody (MAML2/1302). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Bladder Carcinoma stained with MAML2 Monoclonal Antibody (MAML2/1302).

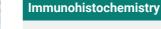


Image 3. Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with MAML2 Monoclonal Antibody (MAML2/1302).



Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6940961 | 09/10/2023 | Copyright antibodies-online. All rights reserved.