

For Research Use Only

MAML1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87111-1-PBS



Basic Information

Catalog Number:

87111-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_014757

GeneID (NCBI):

9794

UNIPROT ID:

Q92585

Full Name:

mastermind-like 1 (Drosophila)

Calculated MW:

108 kDa

Observed MW:

108-120 kDa

Purification Method:

Protein A purification

CloneNo.:

252237E6

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

MAML1, also named as KIAA0200 and Mam-1, belongs to the mastermind family. It acts as a transcriptional coactivator for NOTCH proteins. MAML1 has been shown to amplify NOTCH-induced transcription of HES1. It enhances phosphorylation and proteolytic turnover of the NOTCH intracellular domain in the nucleus through interaction with CDK8. MAML1 binds to CREBBP/CBP which promotes nucleosome acetylation at NOTCH enhancers and activates transcription. Induces phosphorylation and localization of CREBBP to nuclear foci. It plays a role in hematopoietic development by regulating NOTCH-mediated lymphoid cell fate decisions. This antibody is specific to MAML1. The calculated molecular weight of MAML1 is 108 kDa, but modified MAML1 is about 120 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

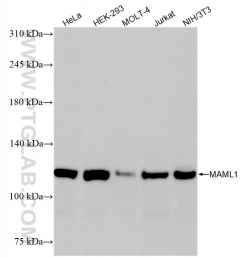
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87111-1-RR (MAML1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87111-1-PBS in a different storage buffer formulation.