

EAPP Monoclonal Antibody (1E4)

Catalog NumberMA5-18062

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Mouse / IgG1	Tested Applications	Dilution *
Class	Monoclonal		
Type	Antibody		
Clone	1E4		
Immunogen	N-terminal fragment of human EAPP (Immunogen sequence: 1-266)	Immunoprecipitation (IP)	Assay-dependent
Conjugate	Unconjugated	Western Blot (WB)	1:200
Form	Liquid	Immunocytochemistry (ICC/IF)	Assay-dependent
Concentration	1 mg/mL	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Purification	Protein G		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Background/Target Information

This protein may play an important role in the fine-tuning of both major E2F1 activities, the regulation of the cell-cycle and the induction of apoptosis. Promotes S-phase entry, and inhibits p14(ARP) expression. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionally conserved domains found in most members of the family. These domains include a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. The C-terminal of EAPP binds the N-terminal of E2F1 and also interacts with E2F2 and E2F3, but not E2F4.

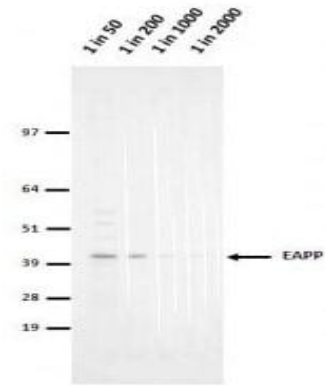
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Product Images For EAPP Monoclonal Antibody (1E4)



EAPP Antibody (MA5-18062) in WB

Western blot analysis of EAPP in Hela lysates using an EAPP monoclonal antibody (Product # MA5-18062) at various dilutions, followed by detection using an AP-conjugated mouse IgG whole molecule antibody at a dilution of 1:2000 on a BCIP/NBT substrate.

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