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POLR2D Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant POLR2D.
Catalog # AT3375a

Product Information

Application	WB
Primary Accession	O15514
Other Accession	BC017205
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1E4-A5
Calculated MW	16311

Additional Information

Gene ID	5433
Other Names	DNA-directed RNA polymerase II subunit RPB4, RNA polymerase II subunit B4, DNA-directed RNA polymerase II subunit D, RNA polymerase II 16 kDa subunit, RPB16, POLR2D
Target/Specificity	POLR2D (AAH17205, 1 a.a. ~ 142 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	POLR2D Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

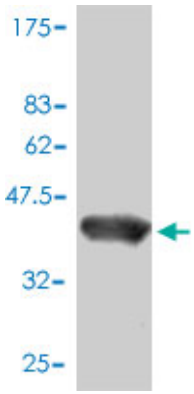
This gene encodes the fourth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. In yeast, this polymerase subunit is associated with the polymerase under suboptimal growth conditions and may have a stress protective role. A sequence for a ribosomal pseudogene is contained within the 3' untranslated region of the transcript from this gene.

References

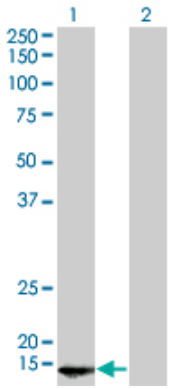
Genetic polymorphisms in 85 DNA repair genes and bladder cancer risk. Michiels S, et al. Carcinogenesis,

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Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (41.36 KDa) .



Western Blot analysis of POLR2D expression in transfected 293T cell line by POLR2D monoclonal antibody (M01), clone 1E4-A5.

Lane 1: POLR2D transfected lysate(16.3 KDa).
Lane 2: Non-transfected lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.