

Anti-RNA polymerase II CTD repeat YSPTSPS Antibody (4H8)

Mouse Monoclonal Antibody

Catalog # ABV12020

Product Information

Application	WB, IHC, IF, E, IP, CHIP, CHIPseq
Reactivity	Human, Yeast
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	CTD 4H8

Additional Information

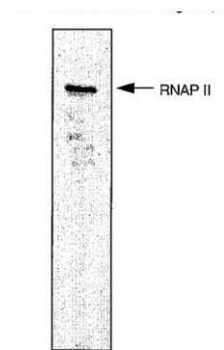
Application & Usage	WB: HeLa cell lysate
Other Names	RNA Polymerase II
Target/Specificity	POLR2A
Antibody Form	Liquid
Appearance	Colorless liquid
Handling	The antibody solution should be gently mixed before use.
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-RNA polymerase II CTD repeat YSPTSPS Antibody (4H8) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

RNAPII is an essential component of the RNAP II transcription elongation complex. Recruitment of RNA processing factors to the elongation complex is coordinated by the phosphorylation of Serine-2 and Serine-5 residues within the C-terminal repeat (YSPTSPS) domain of the largest subunit of RNAPII. Mutations that directly affect transcription by RNA polymerases rank among the most central mediators of malignant transformation.

Images

Western Blot detection of HeLa cell line using Anti-RNA polII antibody



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