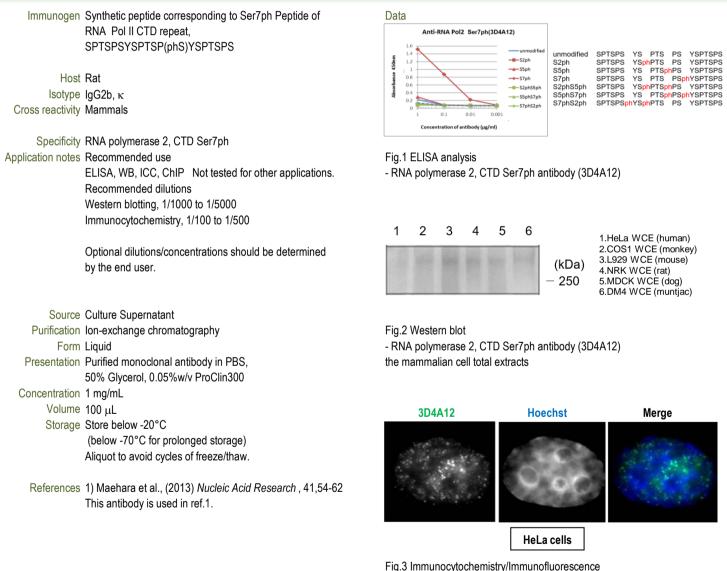
Anti-RNA polymerase 2, CTD Ser7ph antibody

Clone	Cross reactivity	Application notes	Host	Isotype	Storage	
3D4A12	Mammals	WB, ICC, ChIP	Rat	lgG2b, κ	-20°C	

BACKGROUND : RNA polymerase II (RNAPII) transcribes all protein-coding genes and many non-coding genes, and the activity of RNAPII correlates with the phosphorylation state of RPB1, the large catalytic subunit of RNAPII. RPB1 has an unusual C-terminal domain (CTD) that consists of repeats of the heptapeptide consensus sequence N-Tyr1-Ser2-Pro3-Thr4-Ser5-Pro6-Ser7-C, of which there are 52 copies in mammals. The amino acids in these repeats are potential targets for modification, such as phosphorylation and glycosylation.



- RNA polymerase 2, CTD Ser7ph antibody (3D4A12) HeLa cells



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