

Anti-Phospho-POLR2A-S2 antibody [S5MR] (STJ11102585)

STJ11102585

GENERAL INFORMATION

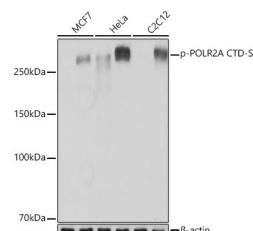
Product Type	Primary antibodies
Short Description	WB/IHC-P/IF/ICC/ELISA/ChIP/ChIP-seq/CUT&Tag
Applications	
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

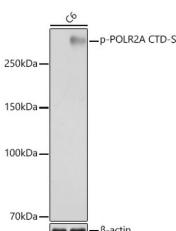
Clonality	Monoclonal
Clone ID	S5MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. ChIP:5 Mu g antibody for 10 Mu g of Chromat
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

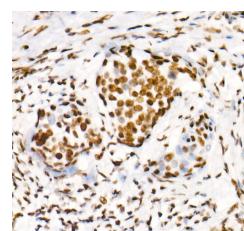
Gene ID	5430
Gene Symbol	POLR2A
Uniprot ID	RPB1_HUMAN
Immunogen	
Immunogen Region	
Specificity	A phospho specific peptide corresponding to residues surrounding S2 of human POLR2A CTD repeat YSPTSPS.
Immunogen Sequence	



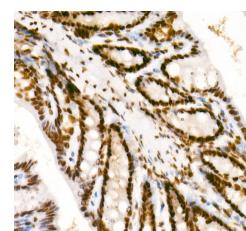
Western blot analysis of extracts of various cell lines using Phospho-POLR2A CTD-S2 rabbit monoclonal antibody (STJ11102585) at 1:1000 dilution. MCF7, HeLa and C2C12 cells were treated by CIP (20U/400U) at 37 °C for 1 hour. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of extracts of C6 cells, using Phospho-POLR2A CTD-S2 rabbit monoclonal antibody (STJ11102585) at 1:1000 dilution. C6 cells were treated by CIP (20U/400U) at 37 °C for 1 hour. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1min.



Immunohistochemistry analysis of paraffin-embedded human cervix cancer using Phospho-POLR2A CTD-S2 rabbit monoclonal antibody (STJ11102585) at 1:200 dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse colon using Phospho-POLR2A CTD-S2 rabbit monoclonal antibody (STJ11102585) at 1:200 dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.