

## Product datasheet for **TA810027S**

### **POLR2A Mouse Monoclonal Antibody [Clone ID: OTI2B7]**

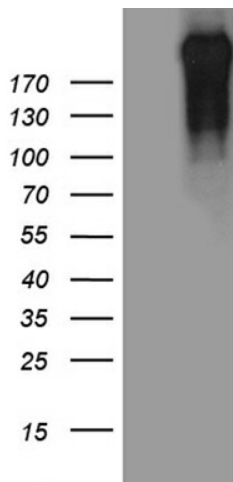
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2B7
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB 1:500, IHC 1:500
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 1351-1614 of human POLR2A(NP_000928) produced in E.coli.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	polymerase (RNA) II subunit A
<b>Database Link:</b>	<a href="#">NP_000928</a> <a href="#">Entrez Gene 20020 Mouse</a> <a href="#">Entrez Gene 363633 Rat</a> <a href="#">Entrez Gene 5430 Human</a> <a href="#">P24928</a>
<b>Synonyms:</b>	hRPB220; hsRPB1; POLR2; POLRA; RPB1; RPBh1; RplIIS; RPO2; RPOL2
<b>Protein Pathways:</b>	Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

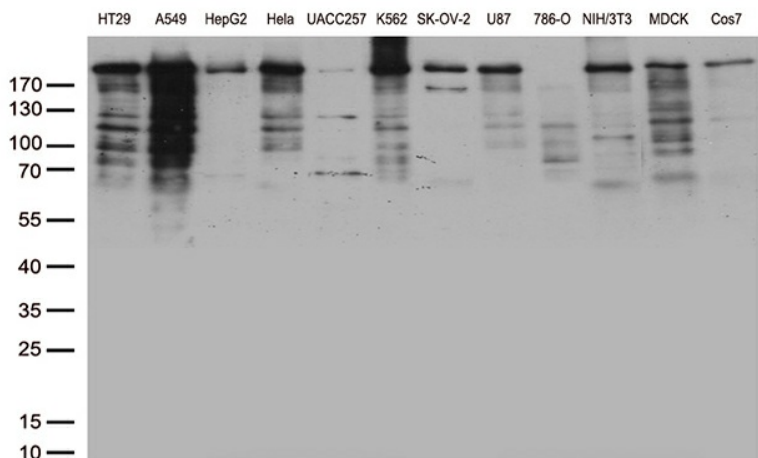


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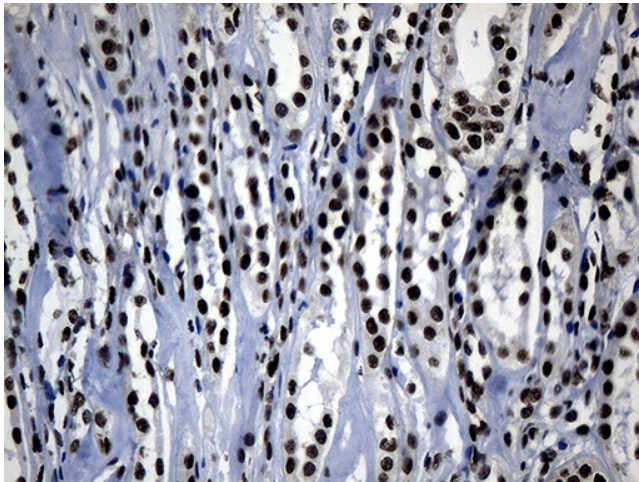
**Product images:**



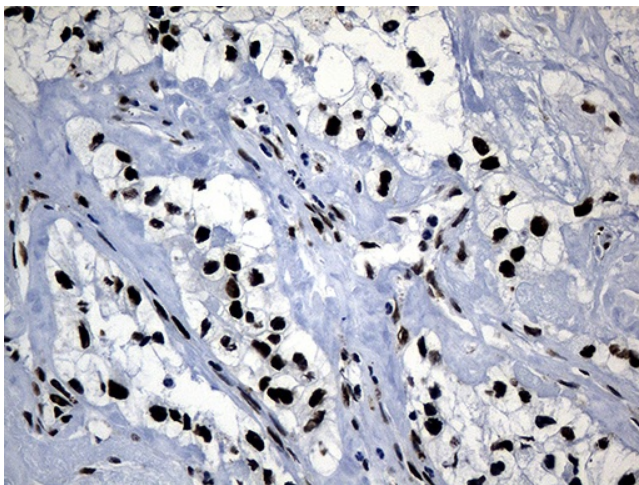
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY POLR2A ([RC216765], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-POLR2A (1:500).



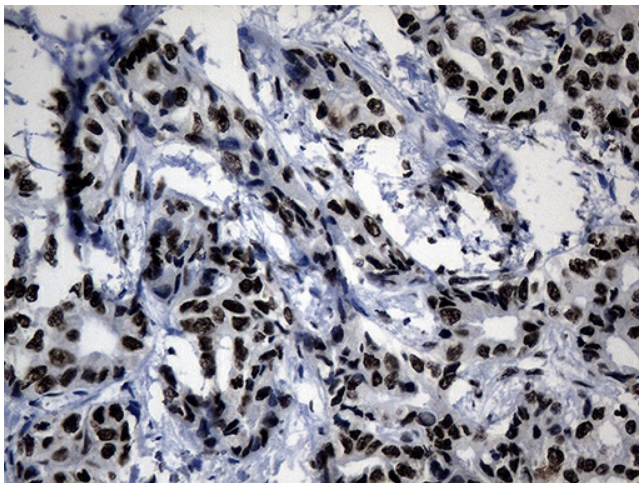
Western blot analysis of extracts (35ug) from 17 different cell lines by using anti-POLR2A monoclonal antibody. 1:500`



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)

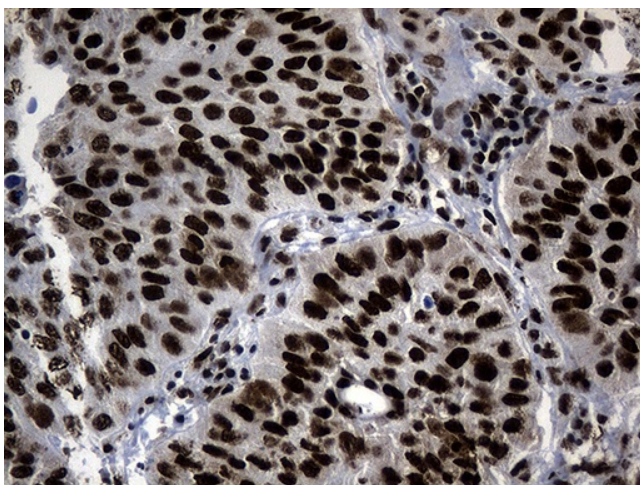


Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)

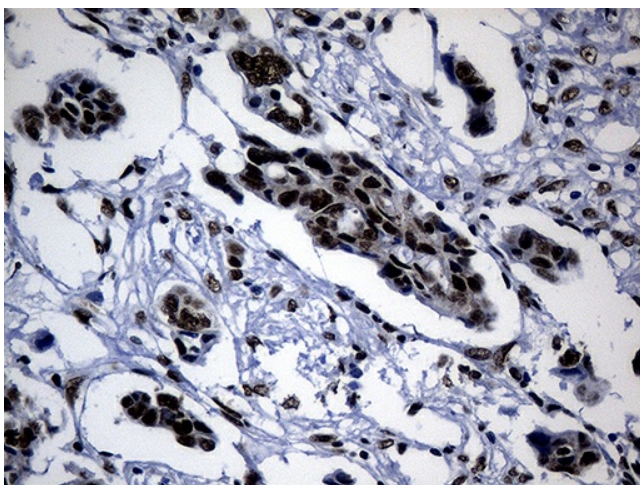


Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)

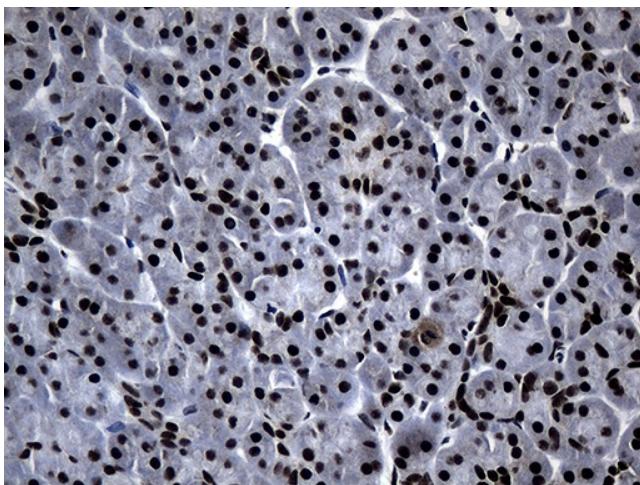




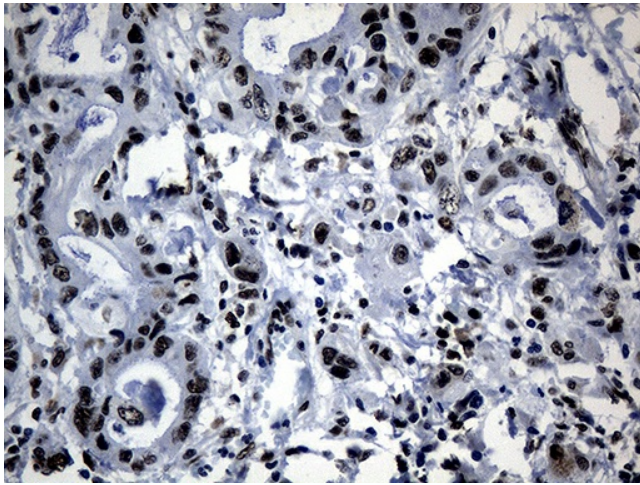
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)



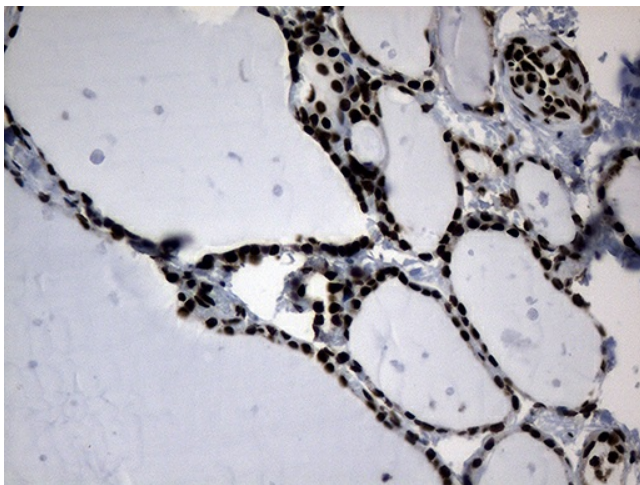
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)



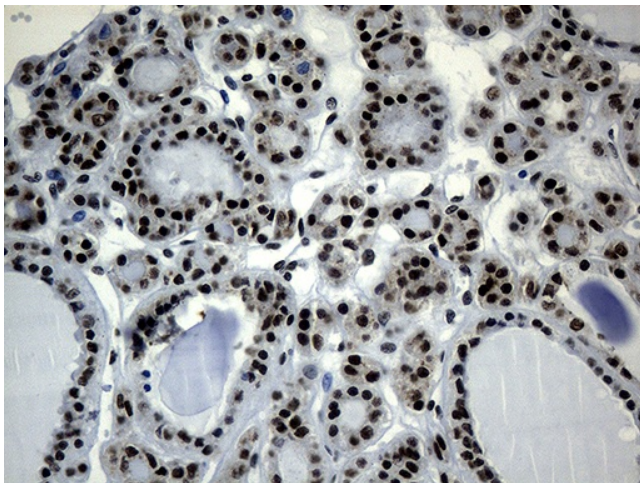
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)

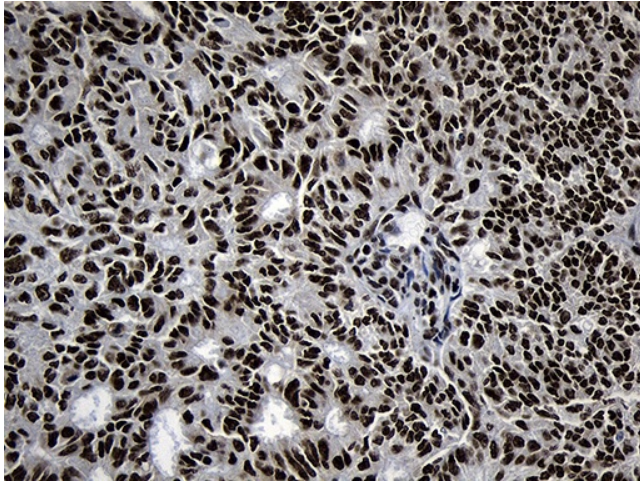


Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)

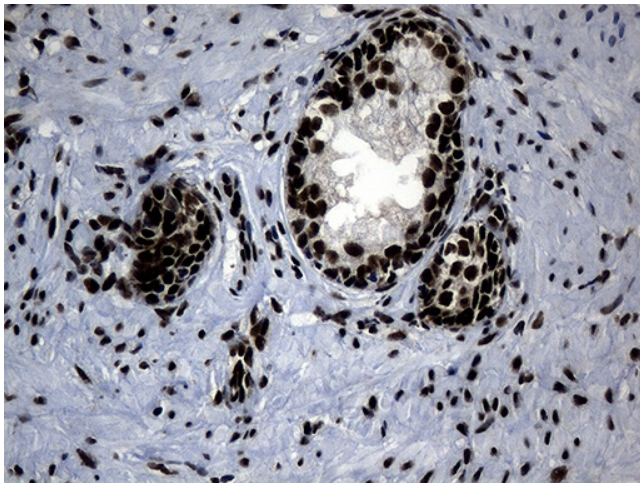


Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)

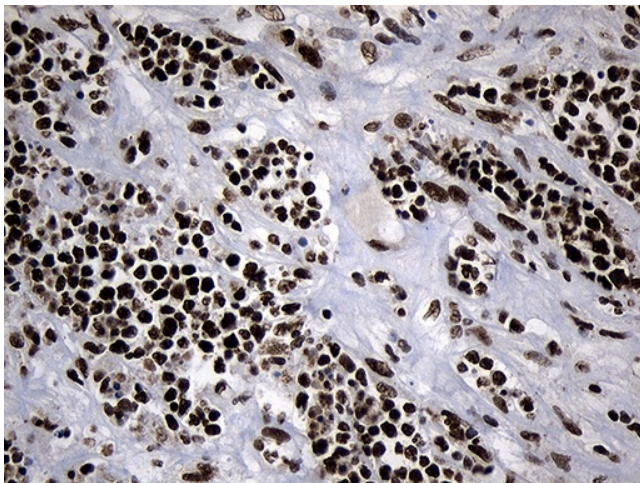




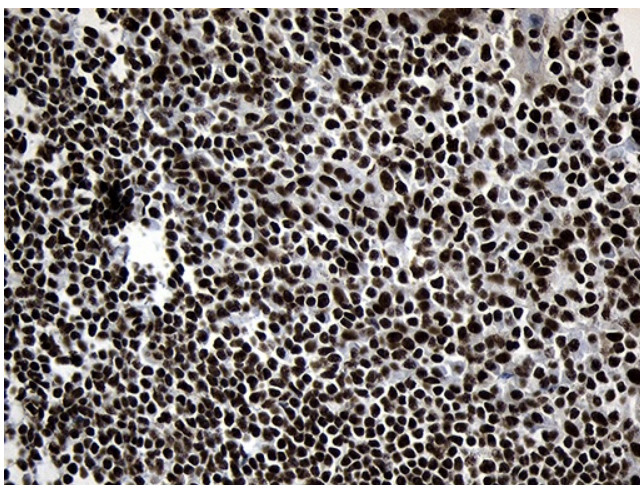
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-POLR2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810027]) (1:500)