

## Product datasheet for **TA809371BM**

### **XPB (ERCC3) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI6H8]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI6H8
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB 1:500, IHC 1:1000
<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 191-436 of human ERCC3 (NP_000113) produced in E.coli.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	HRP
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	89.1 kDa
<b>Gene Name:</b>	ERCC excision repair 3, TFIIH core complex helicase subunit
<b>Database Link:</b>	<a href="#">NP_000113</a> <a href="#">Entrez Gene 13872 Mouse</a> <a href="#">Entrez Gene 291703 Rat</a> <a href="#">Entrez Gene 2071 Human</a> <a href="#">P19447</a>
<b>Background:</b>	ERCC3 is an ATP-dependent DNA helicase that functions in nucleotide excision repair and complements xeroderma pigmentosum group B mutations. It also is the 89 kDa subunit of basal transcription factor 2 (TFIIH) and thus functions in class II transcription. [provided by RefSeq, Jul 2008]
<b>Synonyms:</b>	BTF2; GTF2H; RAD25; Ssl2; TFIIH; TTD2; XPB

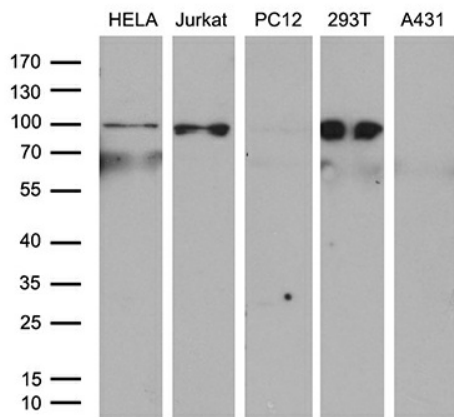


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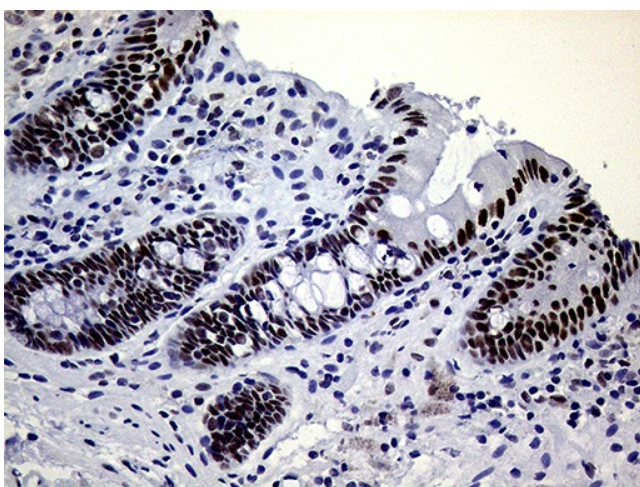
**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Nucleotide excision repair

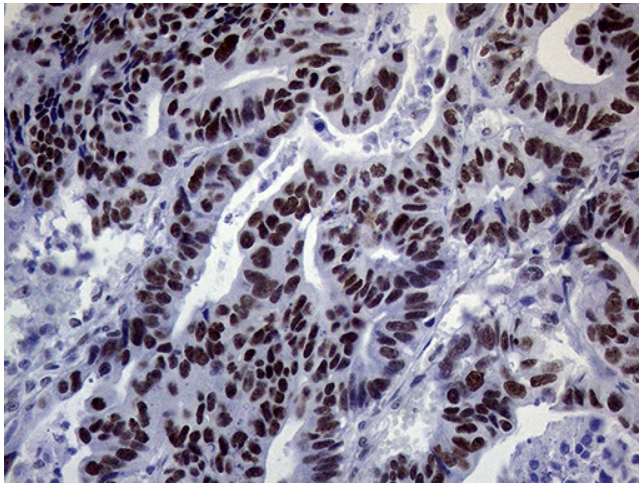
**Product images:**



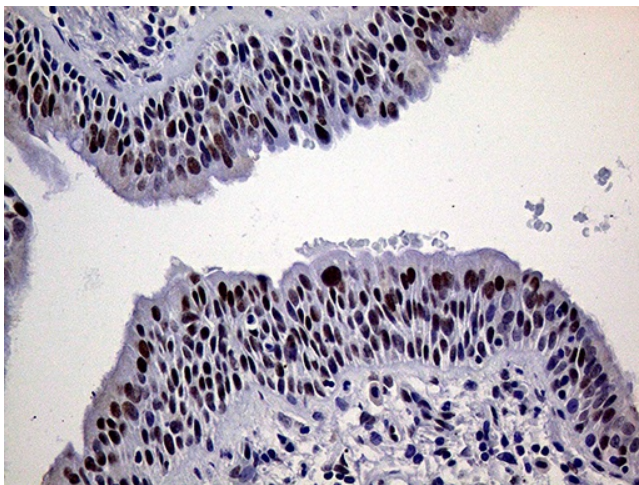
Western blot analysis of extracts (35ug) from 5 different cell lines by using anti-ERCC3 monoclonal antibody (1:500).



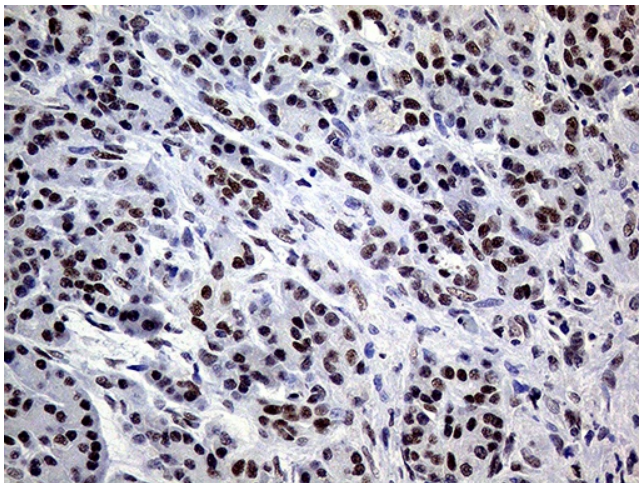
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-ERCC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809371]) (1:1000)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-ERCC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809371]) (1:1000)

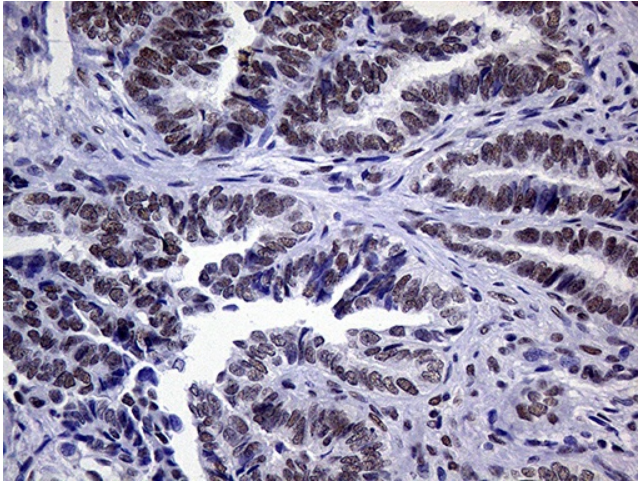


Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-ERCC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809371]) (1:1000)

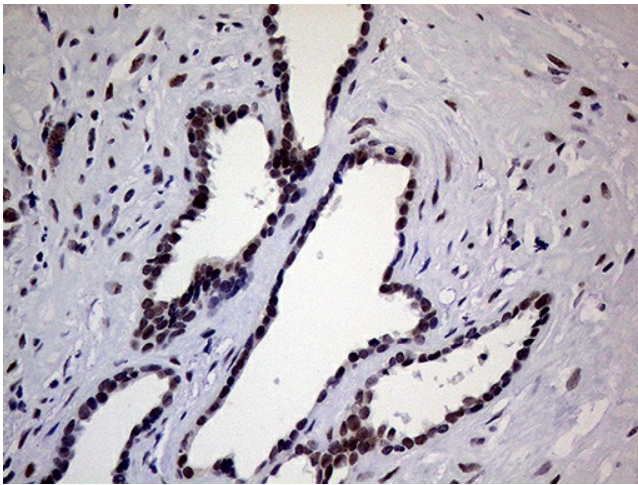


Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-ERCC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809371]) (1:1000)

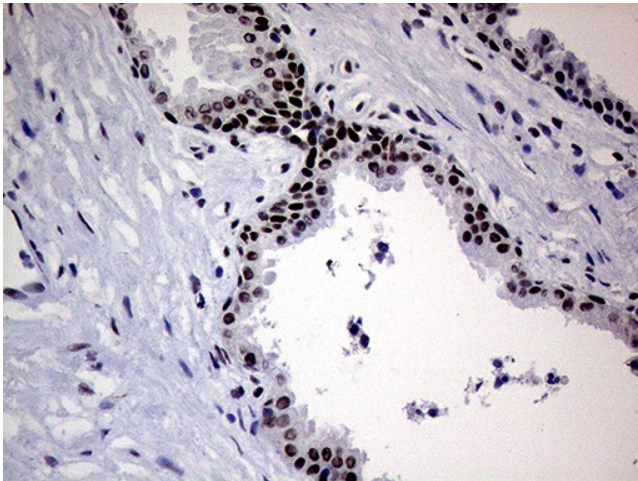




Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-ERCC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809371]) (1:1000)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-ERCC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809371]) (1:1000)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-ERCC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809371]) (1:1000)