

## Product datasheet for **TA504022**

### **OBFC2B (NABP2) Mouse Monoclonal Antibody [Clone ID: OTI1E11]**

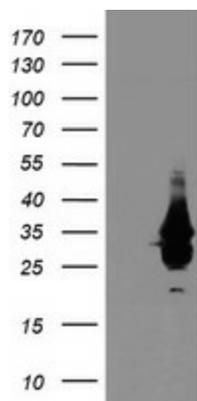
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI1E11
<b>Applications:</b>	FC, IHC, WB
<b>Recommend Dilution:</b>	WB 1:500~2000, IHC 1:150, FLOW 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human OBFC2B(NP_076973) produced in HEK293T cell.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.45 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Predicted Protein Size:</b>	22.2 kDa
<b>Gene Name:</b>	nucleic acid binding protein 2
<b>Database Link:</b>	<a href="#">NP_076973 Entrez Gene 79035 Human</a>
<b>Background:</b>	Single-stranded DNA (ssDNA)-binding proteins, such as OBFC2B, are ubiquitous and essential for a variety of DNA metabolic processes, including replication, recombination, and detection and repair of damage (Richard et al., 2008 [PubMed 18449195]). [supplied by OMIM]. COMPLETENESS: complete on the 3' end.
<b>Synonyms:</b>	hSSB1; OBFC2B; SOSS-B1; SSB1

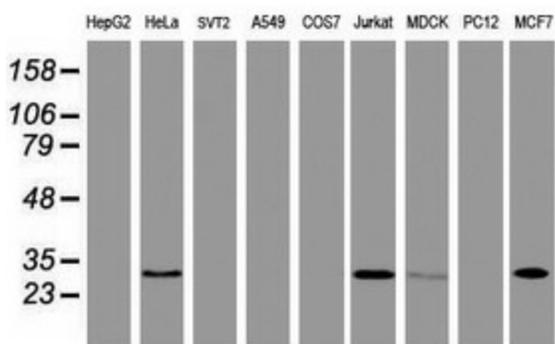


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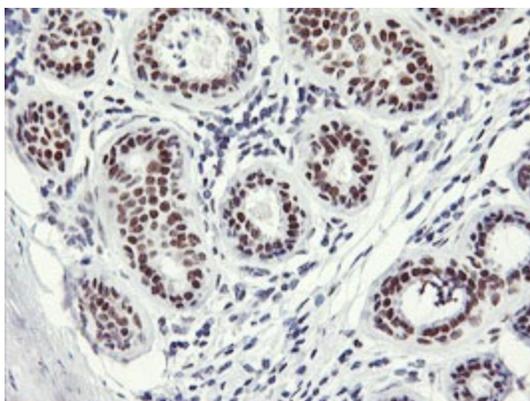
Product images:



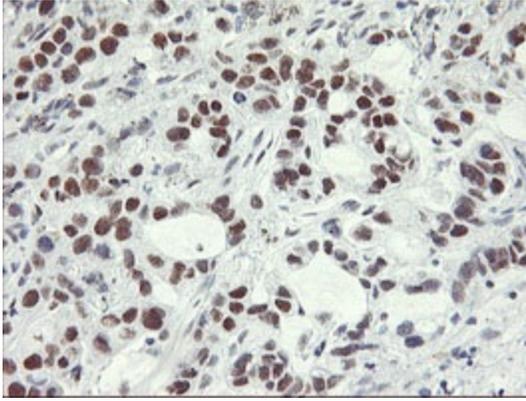
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OBFC2B ([RC200876], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-OBFC2B. Positive lysates [LY411384] (100ug) and [LC411384] (20ug) can be purchased separately from OriGene.



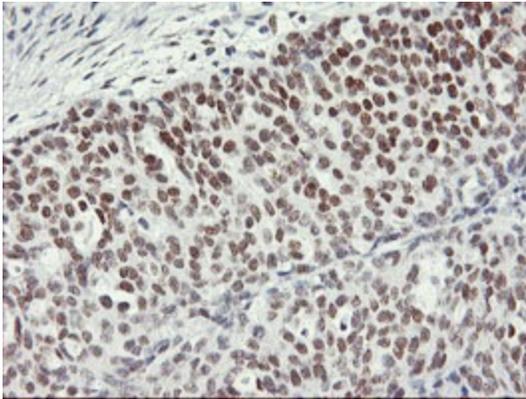
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-OBFC2B monoclonal antibody.



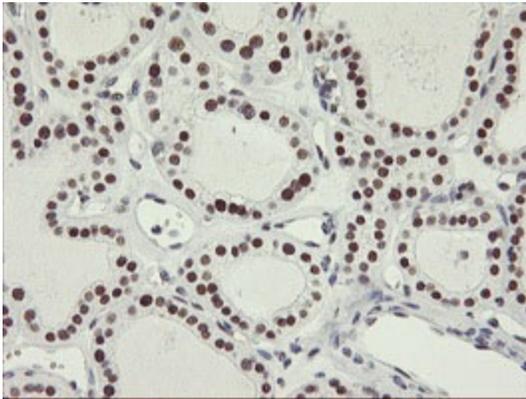
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-OBFC2B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504022)



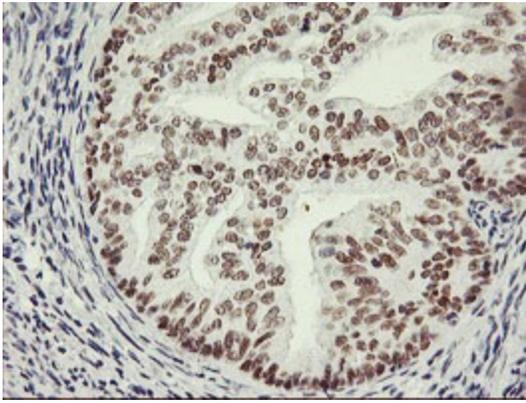
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-OBFC2B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504022)



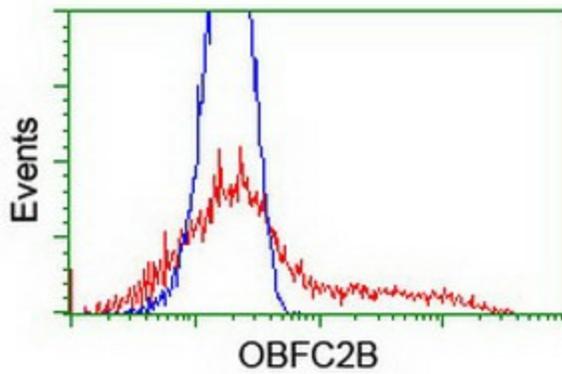
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-OBFC2B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504022)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-OBFC2B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504022)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-OBFC2B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504022)



HEK293T cells transfected with either [RC200876] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-OBFC2B antibody (TA504022), and then analyzed by flow cytometry.