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Product datasheet for CF801814

FOXP1 Mouse Monoclonal Antibody [Clone ID: OTI3G3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3G3
Applications:	FC, IHC
Recommended Dilution:	IHC 1:150, FLOW 1:50
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human FOXP1 (NP_116071) produced in SF9 cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	75.1 kDa
Gene Name:	forkhead box P1
Database Link:	NP_116071 Entrez Gene 27086 Human Q9H334

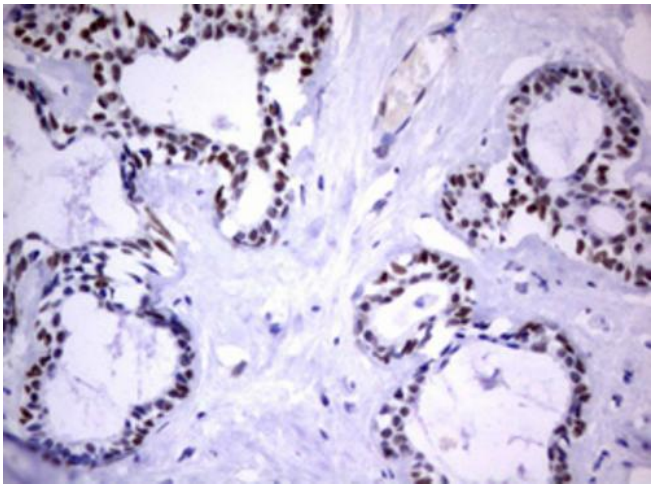
View online »

Background: This gene belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Forkhead box P1 protein contains both DNA-binding- and protein-protein binding-domains. This gene may act as a tumor suppressor as it is lost in several tumor types and maps to a chromosomal region (3p14.1) reported to contain a tumor suppressor gene(s). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul

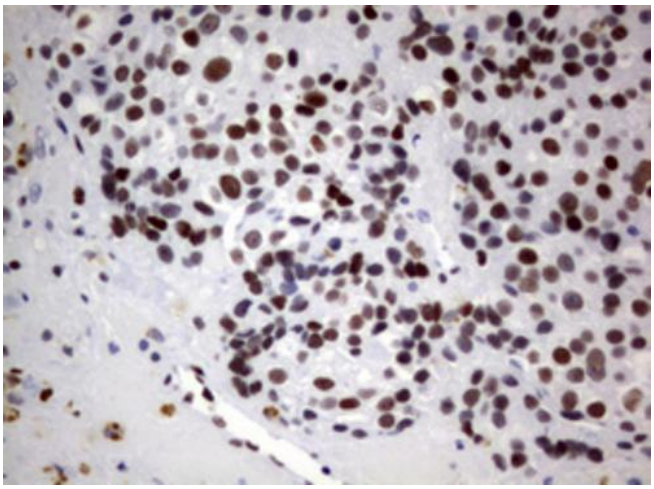
Synonyms: 12CC4; hFKH1B; HSPC215; MFH; QRF1

Protein Families: Transcription Factors

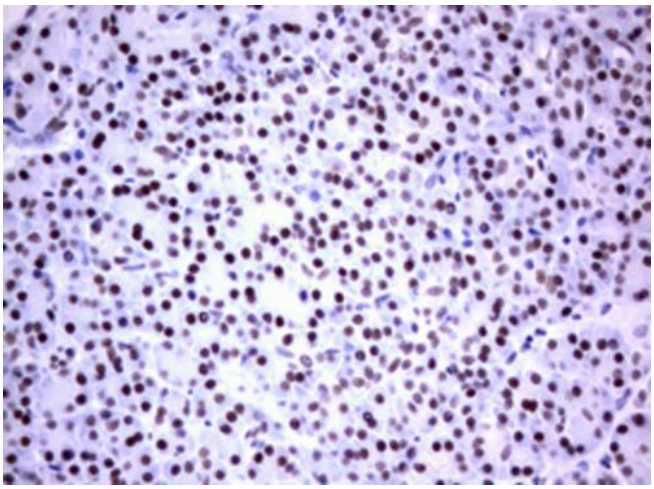
Product images:



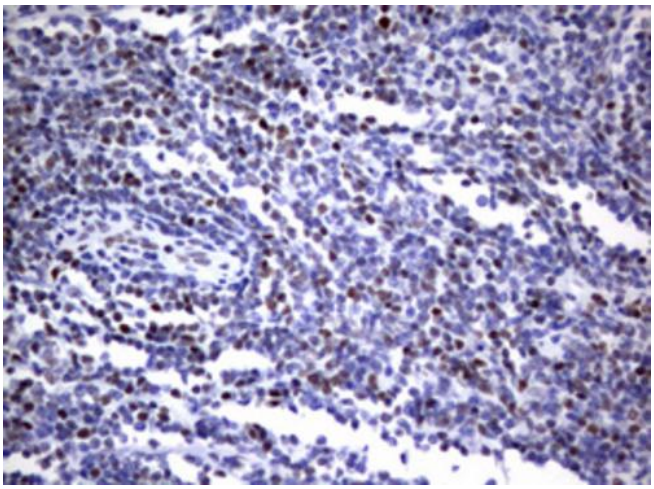
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-FOXP1 mouse monoclonal antibody. ([TA801814]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



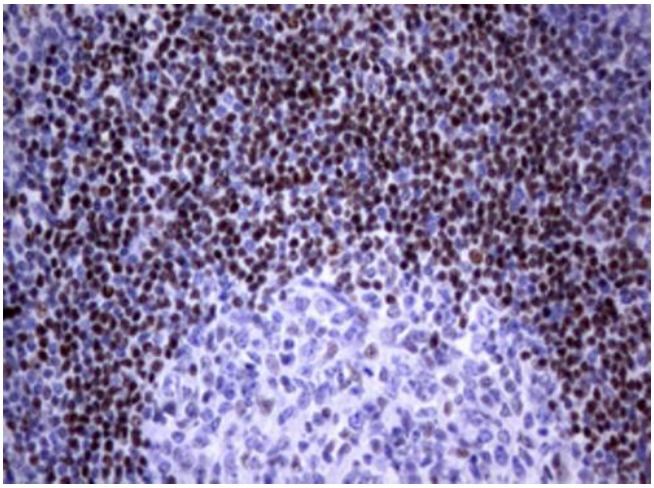
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-FOXP1 mouse monoclonal antibody. ([TA801814]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



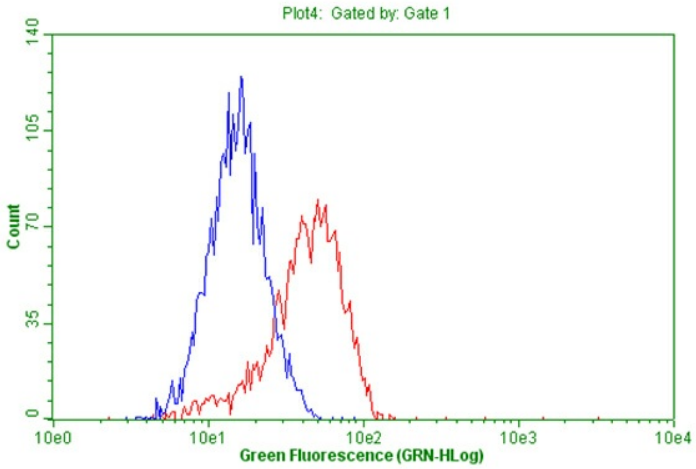
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-FOXP1 mouse monoclonal antibody. ([TA801814]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-FOXP1 mouse monoclonal antibody. ([TA801814]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-FOXP1 mouse monoclonal antibody. ([TA801814]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



Flow cytometric Analysis of penetrated Jurkat cells, using anti-FOXP1 antibody ([TA801814]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).