

## Product datasheet for **CF813710**

### FOXP1 Mouse Monoclonal Antibody [Clone ID: OTI2H3]

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI2H3   |
| Applications:           | IHC  |
| Recommended Dilution:   | IHC 1:500  |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| Isotype:                | IgG2a  |
| 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:                | Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.   |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 75.1 kDa   |
| Gene Name:              | forkhead box P1  |
| Database Link:          | <a href="#">NP_116071</a><br><a href="#">Entrez Gene 27086 Human</a><br><a href="#">Q9H334</a>   |



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**Background:**

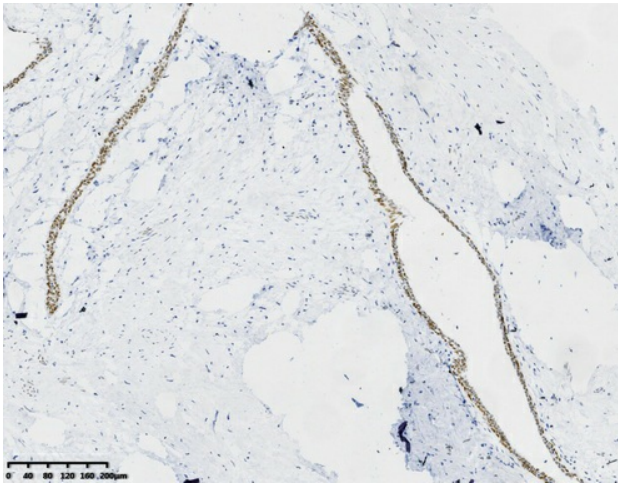
This gene belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Forkhead box P1 protein contains both DNA-binding- 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 2008]

**Synonyms:**

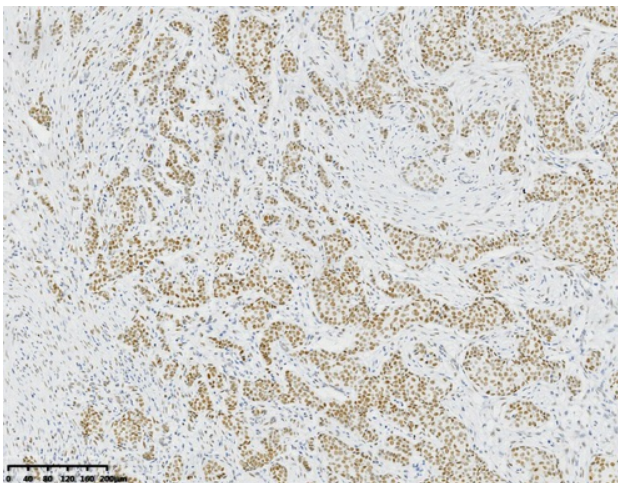
12CC4; hFKH1B; HSPC215; MFH; QRF1

**Protein Families:**

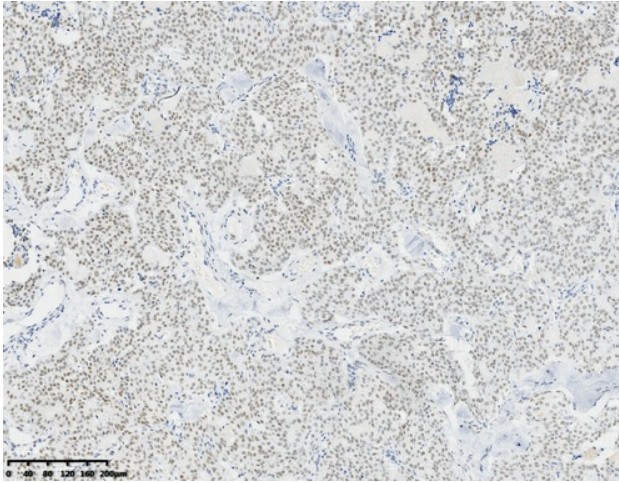
Transcription Factors

**Product images:**

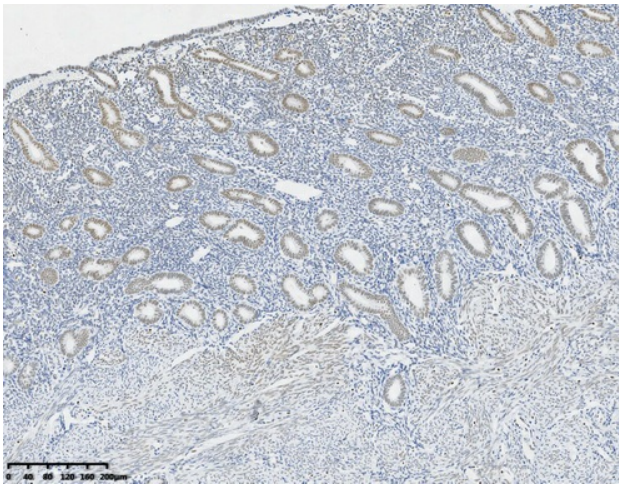
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-FOXP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813710])



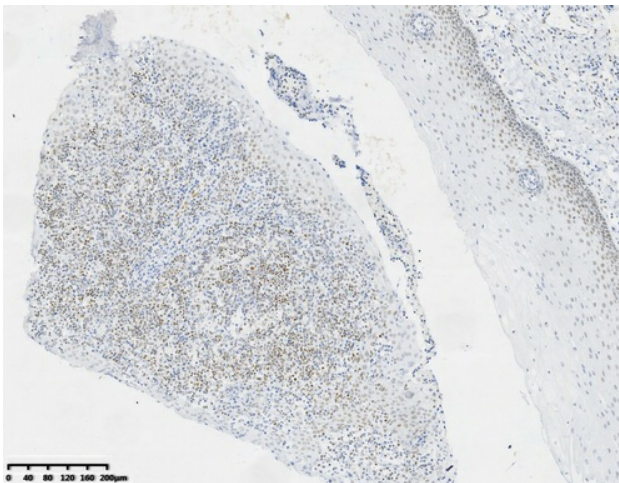
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-FOXP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813710])



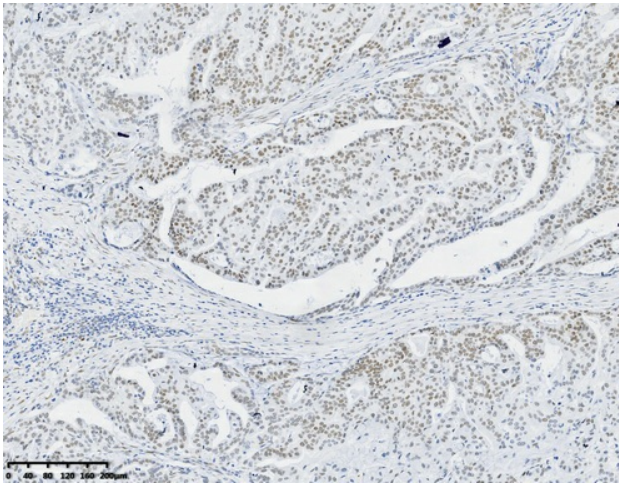
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-FOXP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813710])



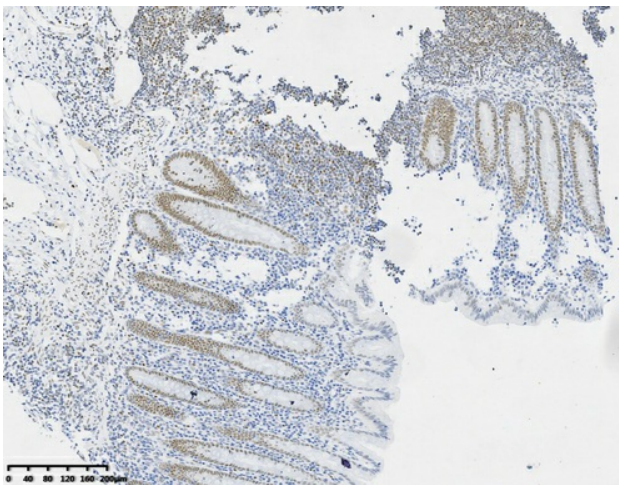
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-FOXP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813710])



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-FOXP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813710])



Immunohistochemical staining of paraffin-embedded Human Gastric Carcinoma using anti-FOXP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813710])



Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-FOXP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA813710])