

## Product datasheet for **TA801814**

### 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:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| Concentration:          | 1 mg/ml   |
| 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:          | <a href="#">NP_116071</a><br><a href="#">Entrez Gene 27086 Human</a><br><a href="#">Q9H334</a>  |
| 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 |

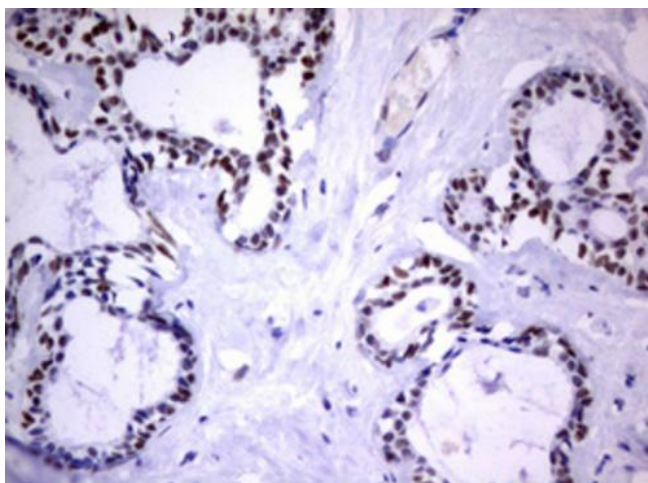


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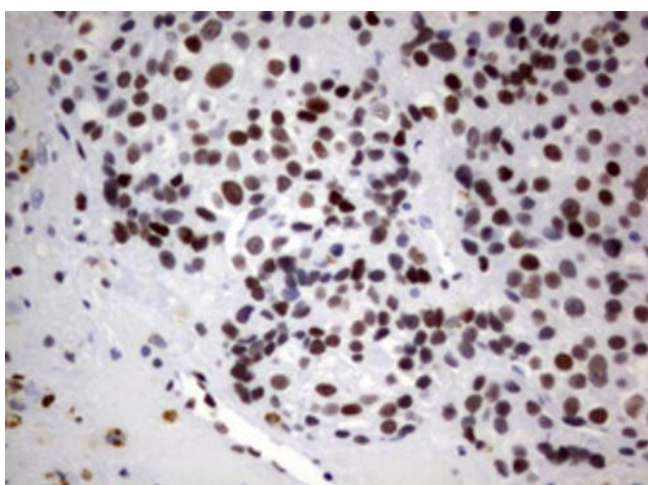
Synonyms: 12CC4; hFKH1B; HSPC215; MFH; QRF1

Protein Families: Transcription Factors

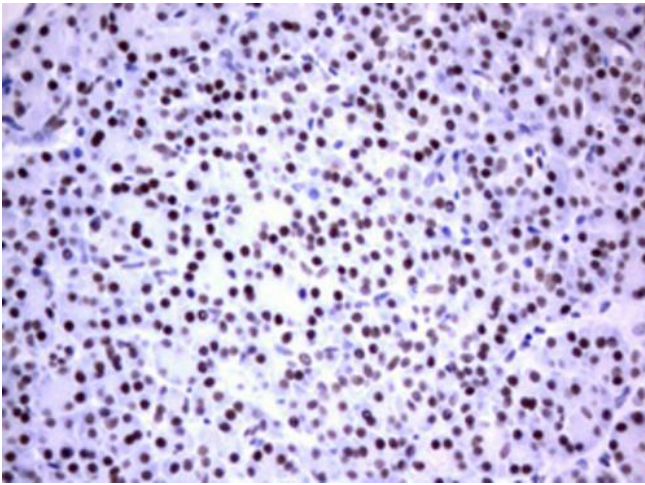
### Product images:



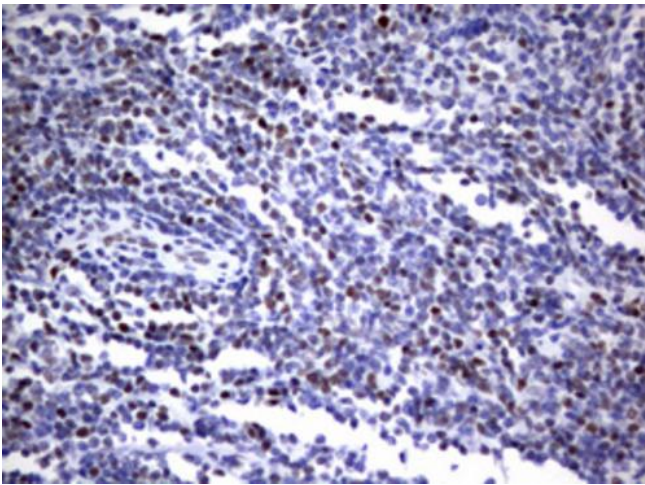
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-FOXP1 mouse monoclonal antibody. (TA801814; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



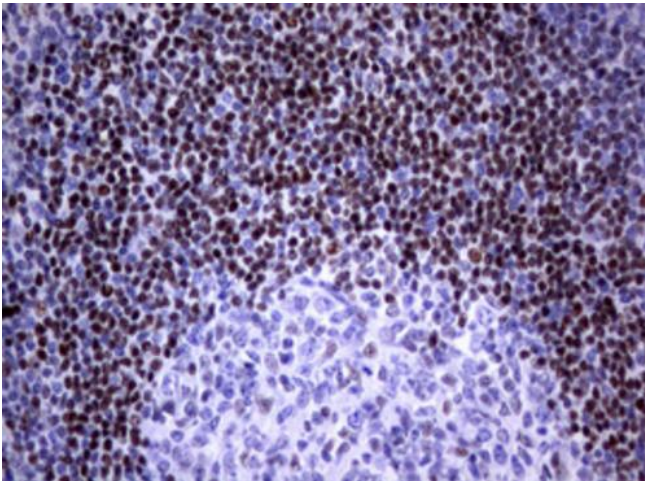
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-FOXP1 mouse monoclonal antibody. (TA801814; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



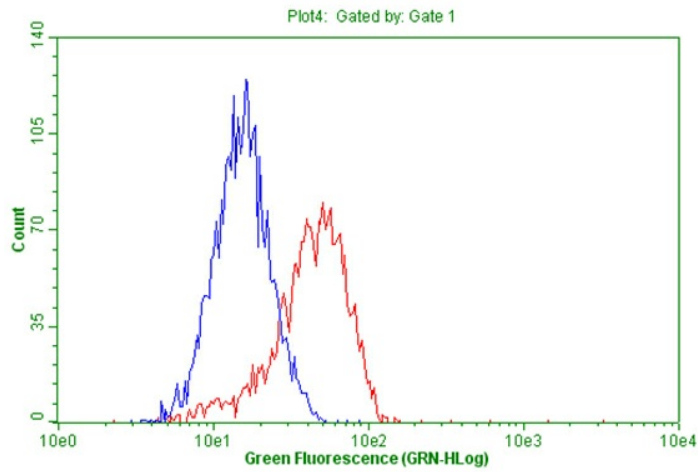
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-FOXP1 mouse monoclonal antibody. (TA801814; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



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). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



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). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



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