

## Product datasheet for **TA811042S**

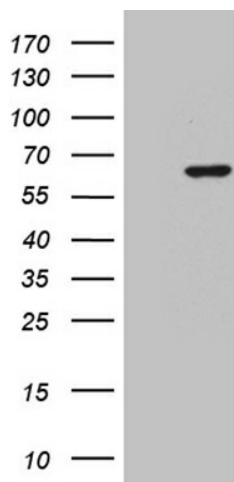
### ZNF454 Mouse Monoclonal Antibody [Clone ID: OTI8B5]

#### Product data:

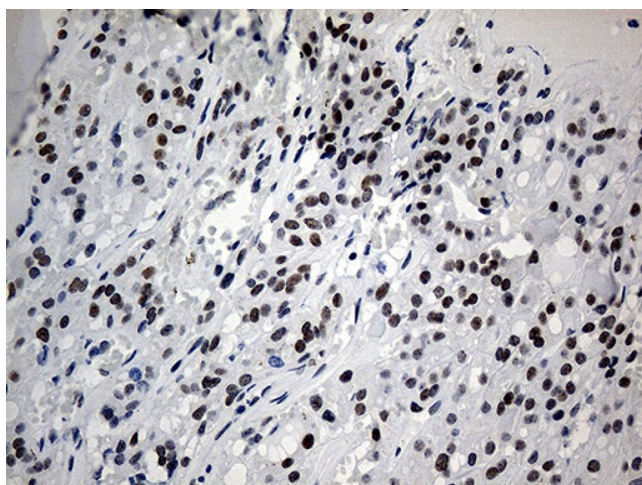
|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI8B5  |
| Applications:           | IHC, WB   |
| Recommended Dilution:   | WB 1:500, IHC 1:150   |
| Reactivity:             | Human   |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full length human recombinant protein of human ZNF454 (NP_872400) produced in E.coli.                     |
| 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: | 59.9 kDa  |
| Gene Name:              | zinc finger protein 454   |
| Database Link:          | <a href="#">NP_872400</a><br><a href="#">Entrez Gene 285676 Human</a><br><a href="#">Q8N9F8</a>           |
| Background:             | May be involved in transcriptional regulation. [UniProtKB/Swiss-Prot Function]                            |
| Synonyms:               | FLJ37444; MGC138481   |
| Protein Families:       | Transcription Factors   |



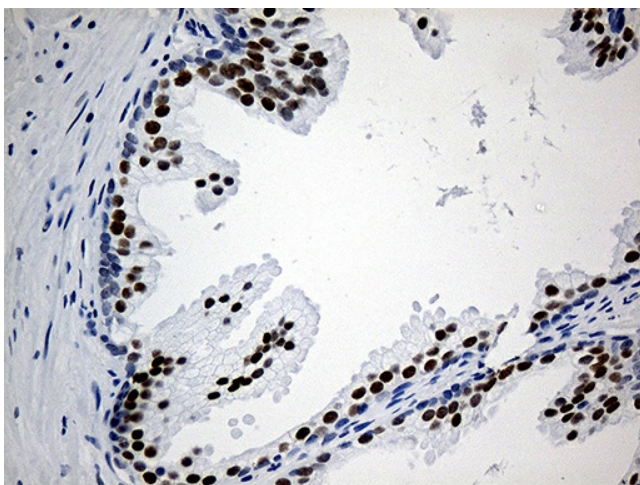
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**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ZNF454 ([RC219718], 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-ZNF45. Positive lysates [LY405474] (100ug) and [LC405474] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-ZNF454 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811042]) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-ZNF454 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811042]) (1:150)