

## Product datasheet for **TA805636BM**

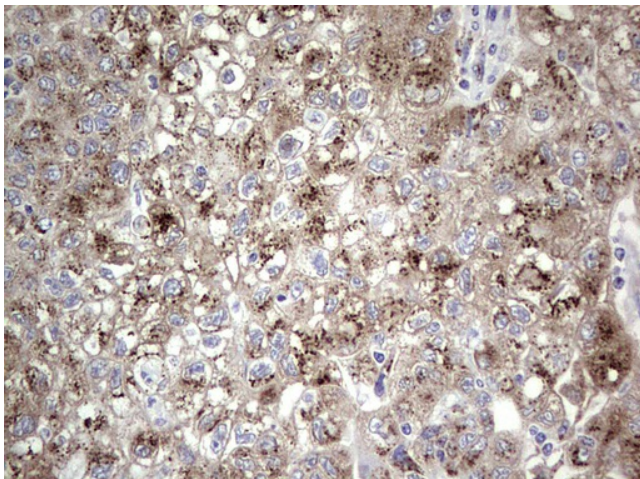
### ALKBH1 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI4C4]

#### Product data:

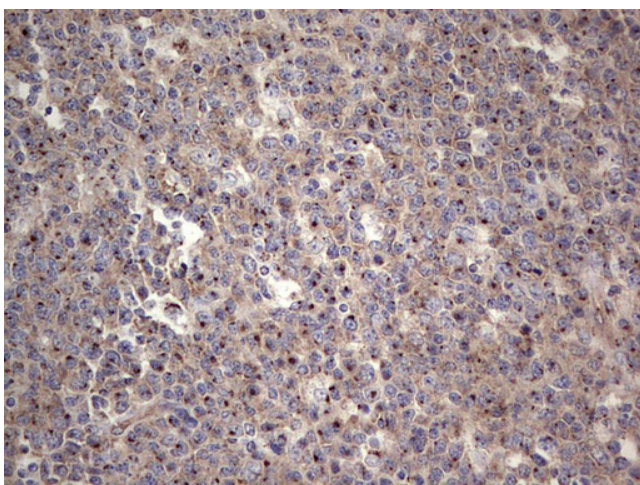
|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI4C4  |
| Applications:           | IHC   |
| Recommended Dilution:   | IHC 1:150   |
| Reactivity:             | Human   |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 1-245 of human ALKBH1 (NP_006011) produced in E.coli.   |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol.   |
| Concentration:          | 0.5 mg/ml   |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| Conjugation:            | HRP   |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 43.7 kDa  |
| Gene Name:              | alkB homolog 1, histone H2A dioxygenase   |
| Database Link:          | <a href="#">NP_006011</a><br><a href="#">Entrez Gene 8846 Human</a><br><a href="#">Q13686</a>   |
| Background:             | This gene encodes a homolog to the E. coli alkB gene product. The E. coli alkB protein is part of the adaptive response mechanism of DNA alkylation damage repair. It is involved in damage reversal by oxidative demethylation of 1-methyladenine and 3-methylcytosine. [provided by RefSeq, Jul 2008] |
| Synonyms:               | ABH; ABH1; alkB; ALKBH; hABH  |



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**Product images:**

Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-ALKBH1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA805636])



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-ALKBH1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA805636])