

## Product datasheet for **TA810206BM**

### **NIRF (UHRF2) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI1H2]**

#### **Product data:**

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI1H2   |
| Applications:           | WB   |
| Recommended Dilution:   | WB 1:500~2000  |
| Reactivity:             | Human, Mouse, Rat  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 1-288 of human UHRF2(NP_690856) 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: | 89.8 kDa   |
| Gene Name:              | ubiquitin like with PHD and ring finger domains 2  |
| Database Link:          | <a href="#">NP_690856</a><br><a href="#">Entrez Gene 109113</a> <a href="#">MouseEntrez Gene 309331</a> <a href="#">RatEntrez Gene 115426</a> <a href="#">Human Q96PU4</a> |



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**Background:**

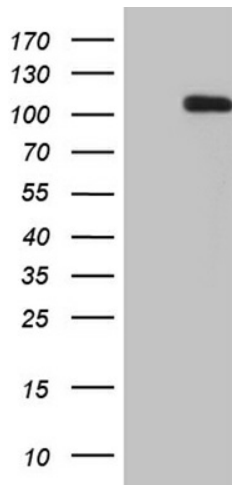
This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquinating PCNP (PEST-containing nuclear protein), and together they may play a role in tumorigenesis. The encoded protein contains an NIRF\_N domain, a PHD finger, a set- and ring-associated (SRA) domain, and a RING finger domain and several of these domains have been shown to be essential for the regulation of cell proliferation. This protein may also have a role in intranuclear degradation of polyglutamine aggregates. Alternative splicing results in multiple transcript variants some of which are non-protein coding. [provided by RefSeq, Feb 2012]

**Synonyms:**

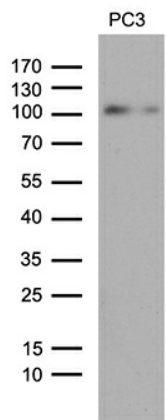
NIRF; RNF107; TDRD23; URF2

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UHRF2 ([RC219579], 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-UHRF2 (1:2000). Positive lysates [LY407258] (100ug) and [LC407258] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from PC3 by using anti-UHRF2 monoclonal antibody (1:500).