

## Product datasheet for **TA805614**

### NUDT12 Mouse Monoclonal Antibody [Clone ID: OTI7G5]

#### Product data:

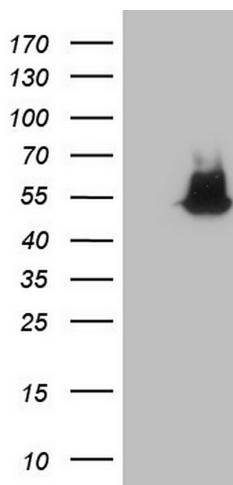
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|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI7G5   |
| Applications:           | WB   |
| Recommended Dilution:   | WB 1:2000  |
| Reactivity:             | Human, Mouse, Rat  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 1-251 of human NUDT12 (NP_113626) 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: | 51.9 kDa   |
| Gene Name:              | nudix hydrolase 12   |
| Database Link:          | <a href="#">NP_113626</a><br><a href="#">Entrez Gene 83594 Human</a><br><a href="#">Q9BQG2</a>   |
| Background:             | Nucleotides are involved in numerous biochemical reactions and pathways within the cell as substrates, cofactors, and effectors. Nudix hydrolases, such as NUDT12, regulate the concentrations of individual nucleotides and of nucleotide ratios in response to changing circumstances (Abdelraheim et al., 2003 [PubMed 12790796]). [supplied by OMIM, Mar 2008] |
| Synonyms:               | DKFZp7611172   |



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Protein Pathways: Nicotinate and nicotinamide metabolism

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NUDT12 ([RC207724], 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-NUDT12. Positive lysates [LY410513] (100ug) and [LC410513] (20ug) can be purchased separately from OriGene.