

# **Product datasheet for CF805506**

### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## **NUDT12 Mouse Monoclonal Antibody [Clone ID: OTI1B7]**

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTI1B7
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: Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)

**Reconstitution Method:** For reconstitution, we recommend adding 100uL distilled water to a final antibody

concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)

**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: NP 113626

Entrez Gene 83594 Human

Q9BQG2





### NUDT12 Mouse Monoclonal Antibody [Clone ID: OTI1B7] - CF805506

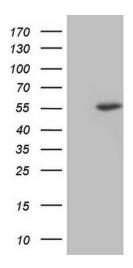
**Background:** Nucleotides are involved in numerous biochemical reactions and pathways within the cell as

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: DKFZp761I172

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.