

## **Product datasheet for TA800344**

### 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

## **NEIL1 Mouse Monoclonal Antibody [Clone ID: OTI1D1]**

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTI1D1
Applications: WB

Recommended Dilution: WB 1:200
Reactivity: Human
Host: Mouse
Isotype: IgG1

Clonality: Monoclonal

**Immunogen:** Human recombinant protein fragment corresponding to amino acids 186-390 of human

NEIL1 (NP\_078884) 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:** 43.5 kDa

**Gene Name:** nei like DNA glycosylase 1

Database Link: NP 078884

Entrez Gene 79661 Human

Q96FI4

Background: This gene is a member of the Nei endonuclease VIII-like gene family which encodes DNA

glycosylases. The encoded enzyme participates in the DNA repair pathway by initiating base

excision repair by removing damaged bases, primarily oxidized pyrimidines. Multiple

transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, Feb 2012]



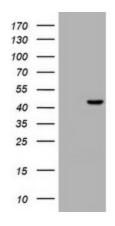


Synonyms: FPG1; hFPG1; NEI1

Protein Families: Druggable Genome

Protein Pathways: Base excision repair

# **Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NEIL1 (Cat# [RC202329], 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-NEIL1(Cat# TA800344). Positive lysates [LY411199] (100ug) and [LC411199] (20ug) can be purchased separately from OriGene.