

Datasheet for ABIN933141  
**anti-NEIL2 antibody**



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1 Image

## Overview

Quantity:	100 µg
Target:	NEIL2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NEIL2 antibody is un-conjugated
Application:	Western Blotting (WB), Dot Blot (DB)

## Product Details

Immunogen:	NEIL2 antibody was raised in mouse using recombinant Human Nei Like 2 (E. Coli)
Clone:	2626C2a
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

## Target Details

Target:	NEIL2
Alternative Name:	NEIL2 ( <a href="#">NEIL2 Products</a> )
Background:	NEIL2 belongs to a class of DNA glycosylases homologous to the bacterial Fpg/Nei family.

## Target Details

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These glycosylases initiate the first step in base excision repair by cleaving bases damaged by reactive oxygen species and introducing a DNA strand break via the associated lyase reaction.

Synonyms: Monoclonal NEIL2 antibody, Anti-NEIL2 antibody, Nei endonuclease VIII-like 2 antibody, NEH2 antibody, MGC2832 antibody, MGC4505 antibody, FLJ31644 antibody.

Pathways: [DNA Damage Repair](#)

## Application Details

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Application Notes: WB: 0.2-2 µg/mL  
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Concentration: Lot specific

Buffer: NEIL2 antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub> PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub> HPO<sub>4</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN<sub>3</sub>).

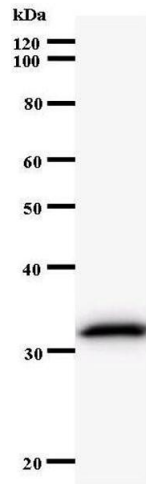
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



## Western Blotting

Image 1.