

Datasheet for ABIN532959

anti-UNG antibody[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	100 µL
Target:	UNG
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This UNG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Mouse monoclonal antibody raised against full length recombinant UNG.
Immunogen:	Recombinant protein corresponding to full length human UNG.
Clone:	K1C12
Isotype:	IgG2b
Cross-Reactivity:	Human

Target Details

Target:	UNG
Abstract:	UNG Products
Target Type:	Viral Protein
Gene ID:	7374

Target Details

NCBI Accession: [NM_080911](#)

Pathways: [DNA Damage Repair, Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: Western Blot (1:1000-1:2000)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS, pH 7.4 (10 % glycerol, 0.02 % sodium azide).

Preservative: Sodium azide

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

Storage: -20 °C, -80 °C

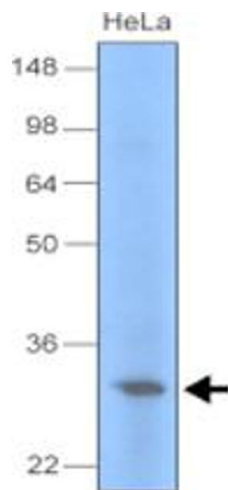
Storage Comment: Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Bellamy, Krusong, Baldwin: "A rapid reaction analysis of uracil DNA glycosylase indicates an active mechanism of base flipping." in: **Nucleic acids research**, Vol. 35, Issue 5, pp. 1478-87, (2007) ([PubMed](#)).

Lu, Huang, Wang, Slupphaug, Li, Wu, Chen, Lee, Chen: "Characterization of the uracil-DNA glycosylase activity of Epstein-Barr virus BKRFB3 and its role in lytic viral DNA replication." in: **Journal of virology**, Vol. 81, Issue 3, pp. 1195-208, (2007) ([PubMed](#)).

Nilsen, Steinsbekk, Otterlei, Slupphaug, Aas, Krokan et al.: "Analysis of uracil-DNA glycosylases from the murine Ung gene reveals differential expression in tissues and in embryonic development and a subcellular sorting pattern that differs from the human ..." in: **Nucleic acids research**, Vol. 28, Issue 12, pp. 2277-85, (2000) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of cell lysate of HeLa (30 ug) were resolved by SDS - PAGE , transferred to PVDF membrane and probed with UNG monoclonal antibody , clone k1C12 (1 : 1000) . Proteins were visualized using a goat anti - mouse secondary antibody conjugated to HRP and an ECL detection system.