

# KD-Validated Anti-Uracil DNA Glycosylase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

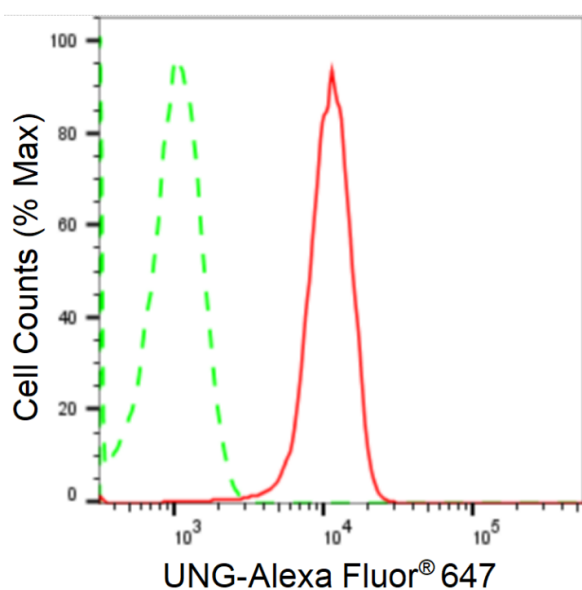
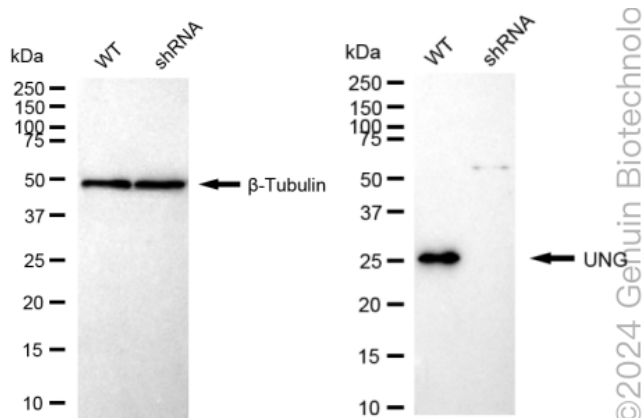
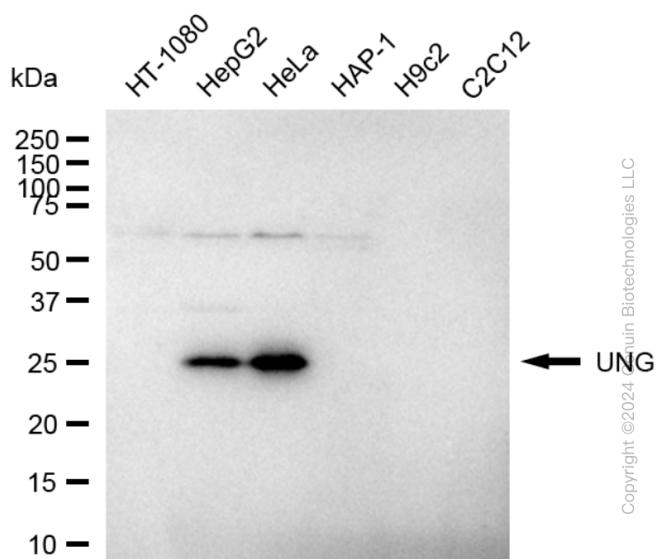
ABG1748

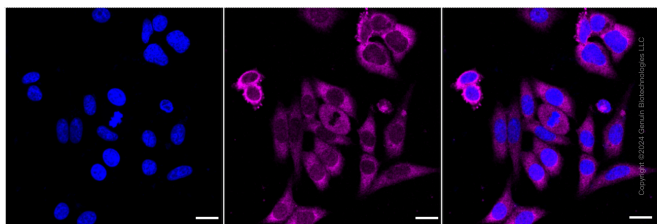
## Product Overview

|                             |                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Uracil DNA Glycosylase Rabbit Monoclonal Antibody                                            |
| <b>Accession(Primary)</b>   | P13051                                                                                                         |
| <b>Host Species</b>         | Rabbit                                                                                                         |
| <b>Clonality</b>            | Monoclonal                                                                                                     |
| <b>Isotype</b>              | Rabbit IgG                                                                                                     |
| <b>Immunogen</b>            | A synthesized peptide derived from human UNG                                                                   |
| <b>Species Reactivity</b>   | Human                                                                                                          |
| <b>Calculated MW</b>        | Predicted, 35 kDa , observed , 32 kDa                                                                          |
| <b>Storage Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.                                      |
| <b>Recommended Dilution</b> | Western Blotting (WB):1:1,000-1:5,000<br>Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000 |

## Target information (P13051)

|                          |                                                                                                                                                                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | UNG                                                                                                                                                                                                                                                                         |
| <b>About Gene Symbol</b> | UNG (Uracil DNA Glycosylase) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |





Immunocytochemical staining of HepG2 cells with anti-UNG antibody (Cat#ABG1748, 1:1,000). Nuclei were stained blue with DAPI; UNG was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20  $\mu$ m.