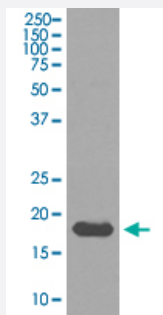


UBE2I monoclonal antibody, clone EDF-21

Catalog # MAB20827 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with UBE2I monoclonal antibody, clone EDF-21 (Cat # MAB20827).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human UBE2I.

Immunogen A synthetic peptide corresponding to human UBE2I.

Host Rabbit

Theoretical MW (kDa) 18.007

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Flow Cytometry
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Immunoprecipitation (1:50)
- Western Blot (1:500-1:2000)

The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with UBE2I monoclonal antibody, clone EDF-21 (Cat # MAB20827).

- Immunohistochemistry
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

Gene Info — UBE2I

Entrez GeneID	7329
Protein Accession#	P63279
Gene Name	UBE2I
Gene Alias	C358B7.1, P18, UBC9
Gene Description	ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)
Omim ID	601661
Gene Ontology	Hyperlink

Gene Summary

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Four alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

SUMO-1-protein ligase|ubiquitin carrier protein|ubiquitin conjugating enzyme 9|ubiquitin-conjugating enzyme E2|ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9)|ubiquitin-conjugating enzyme UbcE2A|ubiquitin-like protein SUMO-1 conjugating enzyme

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer Disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)