

Topoisomerase II α (AB1403) mouse mAb

V0466

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

- 174 kDa (calculated)
- 174 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1403
Immunogen	A synthetic peptide corresponding to the amino acid region 1400 - 1531 of the human Topoisomerase II α protein.
Specificity	The antibody can specifically recognize human Topoisomerase II α protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	TOP2A
Protein Name	Topoisomerase II α

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P11388	7153

Background	Topoisomerase II α (Topo II α) is a nuclear protein with a molecular weight of 170 kDa. It belongs to the topoisomerase family and is expressed in proliferating cells. The main function is to maintain the spatial conformation of DNA and ensure its function. It is mainly used for the study of drug resistance.
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