

p53 antibody [DO-7]

Cat. No. GTX34938

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, IHC-P, IHC-Fr, FCM, IP
Reactivity	Human, Bovine, Monkey

References (8)

Package

100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-2µg/ml
IHC-P	0.25-0.5µg/ml for 30 minutes at RT
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.

Not tested in other applications.

Calculated MW	44 kDa. (Note)
Product Note	Recognizes a 53kDa protein, which is identified as p53 suppressor gene product. It reacts with the mutant as well as the wild form of p53. Its epitope maps within the N-terminus (aa 37-45) of p53. Monoclonal antibody PAb1801 does not block the binding of DO-7 MAb to p53 in an ELISA test.

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant human wild type p53 protein expressed in E. coli.



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Purification Protein A/G purified

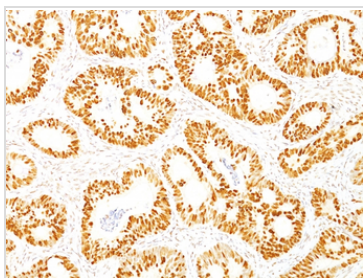
Conjugation Unconjugated

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

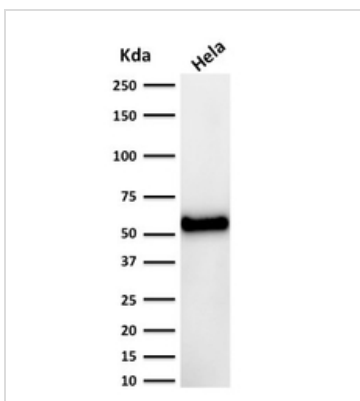
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DATA IMAGES



GTX34938 IHC-P Image

IHC-P analysis of human colon carcinoma tissue using GTX34938 p53 antibody [DO-7].



GTX34938 WB Image

WB analysis of HeLa cell lysate using GTX34938 p53 antibody [DO-7].



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