
Product Datasheet

**p53 Antibody / TP53 (N-Terminal Region)
(orb402962)**

Description

This mAb reacts with an N-terminal epitope (aa 32-79)

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested Applications

FACS, IF, IHC-P, WB

Immunogen

Human p53 beta-galactosidase fusion protein was used as the immunogen for this antibody. Its epitope maps near the N-terminal end (aa 32-79) of p53.

Preservatives

0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide

Storage

Store the p53 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

Note

For research use only

Application notes

Variations in protocols, secondaries and substrates may require the p53 antibody to be titrated up or down for optimal performance.1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Formula

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

Isotype

Mouse IgG1, kappa

Clonality

Monoclonal

Purity

Protein G affinity chromatography

Uniprot ID

[P04637](#)

Hazard Information

This p53 antibody is available for research use only.

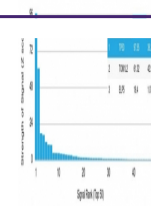
Dilution Range

Flow cytometry: 0.5-1ug/million cells, Immunofluorescence: 1-2ug/ml, Western blot: 0.5-1ug/ml, Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT

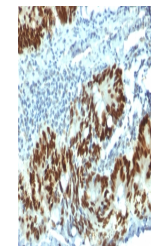
Expiration Date

12 months from date of receipt.

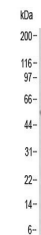
Human Protein Microarray Specificity Validation



Protein array validation of the p53 anti...



IHC testing of FFPE human colon carcinom...



Western blot testing of human A431 cell ...