

Product Datasheet

p53 Antibody (TRP/817) [Janelia Fluor® 669] NBP3-11546JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-11546JF669

p53 Antibody (TRP/817) [Janelia Fluor® 669]

| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | TRP/817 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b Kappa |
| Conjugate | Janelia Fluor 669 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 7157 |
| Gene Symbol | TP53 |
| Species | Human |
| Specificity/Sensitivity | 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 protein. p53 is a tumor suppressor gene expressed in a wide variety of tissue types and is involved in regulating cell growth, replication, and apoptosis. It binds to MDM2, SV40 T antigen and human papilloma virus E6 protein. Positive nuclear staining with p53 antibody has been reported to be a negative prognostic factor in breast carcinoma, lung carcinoma, colorectal, and urothelial carcinoma. Anti-p53 positivity has also been used to differentiate uterine serous carcinoma from endometrioid carcinoma as well as to detect intratubular germ cell neoplasia. Mutations involving p53 are found in a wide variety of malignant tumors, including breast, ovarian, bladder, colon, lung, and melanoma. |
| Immunogen | Recombinant full-length human p53 protein (Uniprot: P04637) |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated, Knockout Validated |
| Recommended Dilutions | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated, Knockdown Validated |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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Products Related to NBP3-11546JF669

| | |
|---------------|--|
| NBP3-21301PEP | p53 Recombinant Protein Antigen |
| 1129-ER-050 | ErbB2/Her2 [Unconjugated] |
| DYC1043-2 | p53 [Biotin] |
| AF835 | Caspase-3 Antibody [Unconjugated] - Active |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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