

Product Datasheet

Isocitrate Dehydrogenase 1/IDH1 Antibody (IDH1/6806R) [DyLight 488] NBP3-14080G

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-14080G

Isocitrate Dehydrogenase 1/IDH1 Antibody (IDH1/6806R) [DyLight 488]

| 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 | IDH1/6806R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG Kappa |
| Conjugate | DyLight 488 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Rabbit |
| Gene ID | 3417 |
| Gene Symbol | IDH1 |
| Species | Human |
| Specificity/Sensitivity | IDH1 R132H antibody binds to IDH1-mutated protein, but does not bind the wild-type IDH1 protein. IDH1 R132H point mutations are frequently seen in World Health Organization grade II and III gliomas and are believed to constitute an early step in tumorigenesis. IDH1 R132H can be used as a diagnostic marker to help differentiate infiltrating gliomas from gliosis, and as a prognostic marker for gliomas and secondary glioblastoma multiforme. IDH1 R132H antibody shows strong cytoplasmic staining and weaker nuclear staining in tumor cells with the R132H-mutated peptide. Diffuse staining of the fibrillary tumor matrix is also seen. |
| Immunogen | Recombinant fragment of human Isocitrate Dehydrogenase 1/IDH1 protein (around aa 281-414) (exact sequence is proprietary) (Uniprot: O75874) |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| Product Application Details | |
| Applications | Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry-Paraffin |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP3-14080G

| | |
|---------------|---|
| NBP1-87428PEP | Isocitrate Dehydrogenase 1/IDH1 Recombinant Protein Antigen |
| NBP2-34091PEP | Isocitrate Dehydrogenase 1/IDH1 Recombinant Protein Antigen |
| NB120-13888 | DNMT3A Antibody (64B1446) - BSA Free |
| NB200-103 | p53 Antibody (PAb 240) - BSA Free |

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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