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## Product Datasheet

### Recombinant IDH1-R132H (Isocitrate Dehydrogenase) Antibody, Clone: [IDH1/6806R], Rabbit, Monoclonal NBT-3417-RBM6-P0

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant IDH1-R132H (Isocitrate Dehydrogenase) Antibody, Clone: [IDH1/6806R], Rabbit, Monoclonal                                                                                                                                                           |
| Biozol Catalog Number      | NBT-3417-RBM6-P0                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | 3417-RBM6-P0                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | NBT-3417-RBM6-P0-20,NBT-3417-RBM6-P0-100                                                                                                                                                                                                                      |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant fragment of human IDH1 protein (around aa 281-414) (exact sequence is proprietary)                                                                                                                                                                |
| Product Description        | 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 tumo... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [IDH1/6806R]                                                                                                                                                                                                                                                  |
| Molecular Weight           | 45-47kDa                                                                                                                                                                                                                                                      |
| NCBI                       | <a href="#">3417</a>                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">O75874</a>                                                                                                                                                                                                                                      |
| Form              | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 1mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                       |
| Antibody Type     | Recombinant Monoclonal Antibody                                                                                                                                                                                                                             |
| Application Notes | Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(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),Optimal diluti |