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## Product Datasheet

### **Glyoxalase 1 (GLO1) Antibody, IgG1, Clone: [CPTC-GLO1-1], Mouse, Monoclonal NBT-2739-MSM1-P0**

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Glyoxalase 1 (GLO1) Antibody, IgG1, Clone: [CPTC-GLO1-1], Mouse, Monoclonal                                                                                                                                                                                    |
| Biozol Catalog Number      | NBT-2739-MSM1-P0                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | 2739-MSM1-P0                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | NBT-2739-MSM1-P0-20,NBT-2739-MSM1-P0-100                                                                                                                                                                                                                       |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                             |
| Host                       | Mouse                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                     |
| Application                | IHC, WB                                                                                                                                                                                                                                                        |
| Species Reactivity         | Human                                                                                                                                                                                                                                                          |
| Immunogen                  | Recombinant full-length human GLO1 protein                                                                                                                                                                                                                     |
| Product Description        | GLO1 is an enzyme involved in the detoxification of methylglyoxal, a byproduct of glycolysis. GLO1 expression has been demonstrated by several studies to be upregulated in various human malignant tumors, including metastatic melanoma and lung carcinom... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                     |
| Clone Designation          | [CPTC-GLO1-1]                                                                                                                                                                                                                                                  |
| Molecular Weight           | 24-26kDa                                                                                                                                                                                                                                                       |
| Isotype                    | IgG1                                                                                                                                                                                                                                                           |

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">2739</a>                                                                                                                                                                                                                                          |
| UniProt           | <a href="#">Q04760</a>                                                                                                                                                                                                                                        |
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                        |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                                           |
| Application Notes | Western Blot (1-2ug/ml), Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes |