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## Product Datasheet

### **ALDH1A1 (Aldehyde Dehydrogenase 1A1) Antibody, IgG1, Clone: [ALDH1A1/1381], Mouse, Monoclonal NBT-216-MSM1-P0**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | ALDH1A1 (Aldehyde Dehydrogenase 1A1) Antibody, IgG1, Clone: [ALDH1A1/1381], Mouse, Monoclonal                                                                                                                                                                 |
| Biozol Catalog Number      | NBT-216-MSM1-P0                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | 216-MSM1-P0                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | NBT-216-MSM1-P0-20,NBT-216-MSM1-P0-100                                                                                                                                                                                                                        |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human, Rat                                                                                                                                                                                                                                                    |
| Immunogen                  | Recombinant fragment (around aa 315-434) of human ALDH1A1 protein (exact sequence is proprietary).                                                                                                                                                            |
| Product Description        | ALDH1A1 belongs to the ALDH enzymes, a family of evolutionarily conserved enzymes comprised of 19 isoforms that are localized in the cytoplasm, mitochondria or nucleus. ALDH1A1 is predominantly expressed in the epithelium of testis, brain, eye, liver... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [ALDH1A1/1381]                                                                                                                                                                                                                                                |
| Molecular Weight           | 56kDa                                                                                                                                                                                                                                                         |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">216</a>                                                                                                                                                                                                                                           |
| UniProt           | <a href="#">P00352</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 |