

## Product Datasheet

### Recombinant S100B (Astrocyte and Melanoma Marker) Antibody (orb2316082)

|                            |                                                                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Recombinant S100B (Astrocyte and Melanoma Marker) Antibody                                                                                                                             |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                  |
| <b>Reactivity</b>          | Bovine, Human, Mouse, Rat                                                                                                                                                              |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                           |
| <b>Tested Applications</b> | IHC, WB                                                                                                                                                                                |
| <b>Immunogen</b>           | Recombinant full-length human S100B protein                                                                                                                                            |
| <b>Target</b>              | S100B                                                                                                                                                                                  |
| <b>Form/Appearance</b>     | 200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml. |
| <b>Concentration</b>       | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml                                                                                                                                          |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                                |
| <b>Note</b>                | For research use only                                                                                                                                                                  |
| <b>Application notes</b>   | Positive Control: Human brain or melanoma tissue                                                                                                                                       |
| <b>Isotype</b>             | IgG1                                                                                                                                                                                   |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                             |
| <b>Clone Number</b>        | rS100B/1896                                                                                                                                                                            |
| <b>Antibody Type</b>       | Recombinant Antibody                                                                                                                                                                   |

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|                        |                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MW</b>              | 10-12kDa                                                                                                                                                                                                                                                                                                                                 |
| <b>Uniprot ID</b>      | <b>P04271</b>                                                                                                                                                                                                                                                                                                                            |
| <b>Entrez</b>          | <b>6285</b>                                                                                                                                                                                                                                                                                                                              |
| <b>Dilution Range</b>  | Western Blot (1-2ug/ml); ,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 dilution for a specific application should be determined. |
| <b>Expiration Date</b> | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                          |

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