

## Product Datasheet

### eIF2 alpha (phospho-S51) antibody (orb644717)

|                            |                                                                                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Rabbit polyclonal antibody to eIF2 alpha (phospho-S51)                                                  |
| <b>Species/Host</b>        | Rabbit                                                                                                  |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                       |
| <b>Conjugation</b>         | Unconjugated                                                                                            |
| <b>Tested Applications</b> | IHC, WB                                                                                                 |
| <b>Immunogen</b>           | Synthetic phosphopeptide derived from human eIF2 $\alpha$ around the phosphorylation site of Serine 51. |
| <b>Preservatives</b>       | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH 7.2                                 |
| <b>Concentration</b>       | 1mg/ml                                                                                                  |
| <b>Storage</b>             | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.                |
| <b>Note</b>                | For research use only                                                                                   |
| <b>Clonality</b>           | Polyclonal                                                                                              |
| <b>MW</b>                  | ~ 38 kDa                                                                                                |
| <b>Uniprot ID</b>          | <b>P05198</b>                                                                                           |
| <b>Dilution Range</b>      | WB: 1:500-1:1000, IHC-P: 1:50-1:200                                                                     |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                         |