

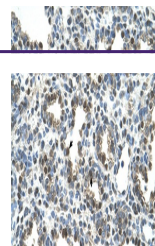
## Product Datasheet

### GPNMB Antibody (orb1241477)

## Description

## GPNMB Antibody

|                            |                                                                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species/Host</b>        | Rabbit                                                                                                                                                                                                                              |
| <b>Reactivity</b>          | Human, Mouse                                                                                                                                                                                                                        |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                                                        |
| <b>Tested Applications</b> | ELISA, IHC, WB                                                                                                                                                                                                                      |
| <b>Immunogen</b>           | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human GPNMB.                                                                                                                              |
| <b>Target</b>              | GPNMB                                                                                                                                                                                                                               |
| <b>Preservatives</b>       | Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                                                                           |
| <b>Form/Appearance</b>     | Liquid                                                                                                                                                                                                                              |
| <b>Concentration</b>       | batch dependent                                                                                                                                                                                                                     |
| <b>Storage</b>             | For short periods of storage (days) store at 4°C. For longer periods of storage, store GPNMB antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.                                                               |
| <b>Note</b>                | For research use only                                                                                                                                                                                                               |
| <b>Application notes</b>   | GPNMB antibody can be used for detection of GPNMB by ELISA at 1:312500. GPNMB antibody can be used for detection of GPNMB by western blot at 1.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                          |
| <b>MW</b>                  | 60 kDa, 64 kDa                                                                                                                                                                                                                      |
| <b>Uniprot ID</b>          | <a href="#">A8K7R3</a>                                                                                                                                                                                                              |
| <b>NCBI</b>                | <a href="#">NP_002501</a>                                                                                                                                                                                                           |
| <b>Dilution Range</b>      | GPNMB antibody can be used for detection of GPNMB by ELISA at 1:312500. GPNMB antibody can be used for detection of GPNMB by western blot at 1.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                                                     |



Antibody used in IHC on Human Lung.



Antibody used in WB on Human HepG2 at 1

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