



## Anti-Mouse IgM polyclonal antibody (CPBT-67996GM)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                           |                                                                                                                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>   | Goat anti Mouse IgM polyclonal antibody is specific for mouse IgM. Immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, mouse IgM and mouse serum. No reaction was observed against other mouse or human heavy or light chain proteins. |
| <b>Specificity</b>        | IGHM                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>          | Mouse IgM mu heavy chain                                                                                                                                                                                                                                              |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                   |
| <b>Source/Host</b>        | Goat                                                                                                                                                                                                                                                                  |
| <b>Species Reactivity</b> | Mouse                                                                                                                                                                                                                                                                 |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                                                                                                                                          |
| <b>Applications</b>       | IHC-Fr; ELISA; WB                                                                                                                                                                                                                                                     |
| <b>Format</b>             | Purified Ig - liquid                                                                                                                                                                                                                                                  |
| <b>Size</b>               | 2 mg                                                                                                                                                                                                                                                                  |
| <b>Preservative</b>       | 0.01% Sodium Azide                                                                                                                                                                                                                                                    |
| <b>Storage</b>            | in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.                     |

### GENE INFORMATION

|                            |                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | <a href="#">Ighm immunoglobulin heavy constant mu [ Mus musculus (house mouse) ]</a>                                                                               |
| <b>Official Symbol</b>     | Ighm                                                                                                                                                               |
| <b>Synonyms</b>            | IGHM; immunoglobulin heavy constant mu; Igm; muH; Igh6; Igh-6; Igh-M; AI326478;                                                                                    |
| <b>Entrez Gene ID</b>      | <a href="#">16019</a>                                                                                                                                              |
| <b>UniProt ID</b>          | P01872                                                                                                                                                             |
| <b>Chromosome Location</b> | 12 62.1 cM; 12 F1-2                                                                                                                                                |
| <b>Pathway</b>             | Adaptive Immune System; Antigen activates B Cell Receptor (BCR) leading to generation of second messengers; Immune System; Signaling by the B Cell Receptor (BCR); |
| <b>Function</b>            | antigen binding; protein binding; transmembrane signaling receptor activity                                                                                        |