



# Anti-Hemoglobin monoclonal antibody, clone C1232M (DMAB1553MH)

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

## PRODUCT INFORMATION

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|---------------------------|--|
| <b>Product Overview</b>   | Monoclonal Antibody to HumanHemoglobin   |
| <b>Specificity</b>        | Human Hemoglobulin. Doesnot cross react with bovine, sheep, horse or pig hemoglobin.                                     |
| <b>Immunogen</b>          | Purified humanhemoglobin   |
| <b>Isotype</b>            | IgG1   |
| <b>Source/Host</b>        | Mouse  |
| <b>Species Reactivity</b> | Human  |
| <b>Clone</b>              | C1232M   |
| <b>Purification</b>       | ProteinA chromatography  |
| <b>Conjugate</b>          | Unconjugated   |
| <b>Applications</b>       | Suggested pair for testing (Capture - Detection): DMAB1553MH - <a href="#">DMAB1554MH</a>                                |
| <b>Concentration</b>      | Lot specific (prior to lyophilization)   |
| <b>Size</b>               | 1 mg   |
| <b>Buffer</b>             | Lyophilized from 0.9% Sodium chloride  |
| <b>Preservative</b>       | 0.09% Sodium Azide   |
| <b>Storage</b>            | Store lyophilized product at 2–8°C. After reconstitution, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles. |

# BACKGROUND

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|--------------|--|
| Introduction | <p>Hemoglobin also rendered as haemoglobin and abbreviated Hb or Hgb) is the iron-containing oxygen-transport metalloprotein in the red blood cells of all vertebrates, with the exception of the fish family Channichthyidae, as well as the tissues of some invertebrates. Hemoglobin in the blood carries oxygen from the respiratory organs (lungs or gills) to the rest of the body (i.e. the tissues) where it releases the oxygen to burn nutrients to provide energy to power the functions of the organism, and collects the resultant carbon dioxide to bring it back to the respiratory organs to be dispensed from the organism.</p> |
| Keywords     | <p>Hemoglobin subunit beta; Beta-globin; Hemoglobin beta chain; CD113t-C; beta-globin; HBB; hemoglobin subunit beta; beta globin chain; OTTHUMP00000069644; hemoglobin beta chain; hemoglobin, beta; HBD</p>   |