



# Magic™ Anti-Hemoglobin monoclonal antibody, clone N88397 (DCABY-4828)

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

## PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Antigen Description</b> | Haemoglobin combines with oxygen in the lungs to form a bright red chemical called oxyhaemoglobin. When the blood gets to places where oxygen is being used up oxyhaemoglobin releases the oxygen and turns back into haemoglobin. |
| <b>Source/Host</b>         | Mouse  |
| <b>Species Reactivity</b>  | Human  |
| <b>Clone</b>               | N88397   |
| <b>Purification</b>        | Hemoglobin antibody was affinity purified  |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | ELISA Pr*, WB<br>Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4828 - <a href="#">DCABY-4727</a>  |
| <b>Format</b>              | Liquid   |
| <b>Size</b>                | 250 µg   |
| <b>Buffer</b>              | Supplied in PBS buffer   |
| <b>Preservative</b>        | None   |
| <b>Storage</b>             | Store at 2-8 °C  |

## GENE INFORMATION

Gene Name [HBB hemoglobin, beta \[ Homo sapiens \]](#)

|                            |   |
|----------------------------|---|
| <b>Official Symbol</b>     | HBB   |
| <b>Synonyms</b>            | HBB; hemoglobin, beta; CD113t-C; beta-globin; hemoglobin subunit beta; beta globin chain; hemoglobin beta chain;  |
| <b>Entrez Gene ID</b>      | <a href="#">3043</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_000509</a>   |
| <b>UniProt ID</b>          | <a href="#">D9YZU5</a>  |
| <b>Chromosome Location</b> | 11p15.5   |
| <b>Pathway</b>             | African trypanosomiasis; Binding and Uptake of Ligands by Scavenger Receptors; Erythrocytes take up carbon dioxide and release oxygen; Erythrocytes take up oxygen and release carbon dioxide; Factors involved in megakaryocyte development and platelet produ |
| <b>Function</b>            | contributes_to haptoglobin binding; heme binding; hemoglobin binding; iron ion binding; oxygen binding; oxygen transporter activity; contributes_to peroxidase activity; protein binding;   |