

## Product datasheet for **BM2164**

### Hemoglobin Mouse Monoclonal Antibody [Clone ID: 7A4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	7A4
Applications:	ELISA, R
Recommended Dilution:	Can be used in ELISA and RIA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Hemoglobin.
Specificity:	Human Hemoglobin.
Formulation:	0.015M PBS, 0.15M NaCl pH 7.2 with 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Prosep A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Hemoglobin is involved in oxygen transport from the lung to the various peripheral tissues. The alpha (HBA) and beta (HBB) loci determine the structure of the 2 types of polypeptide chains in adult Hemoglobin. The normal adult Hemoglobin tetramer consists of two alpha chains and two beta chains. Mutant beta globin causes sickle cell anemia. Absence of beta chain causes beta zero thalassemia. Reduced amounts of detectable beta globin causes beta plus thalassemia.
Synonyms:	Haemoglobin



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