

Mouse Hemoglobin protein

Cat#: orb527466 (Datasheet)

Product Name Mouse Hemoglobin

Product Type Native protein

Source Purified from Mouse erythrocytes

Nature Full length protein

Application Western blotting, ELISA, etc.

Buffer PBS, pH 7.4.

Storage Store at -20°C, for extended storage, conserve at -20°C or -80°C.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Relevance

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.

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