

## Product datasheet for **AP23443PU-S**

### Hemoglobin Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Human Hemoglobin
Specificity:	Recognizes Human Hemoglobin (HB).
Formulation:	Phosphate Buffered Saline (PBS) State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore in aqua bidest to initial volume.
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Background:	Hemoglobin is a 66kDa metalloprotein composed of four globular subunits each of which is associated with an iron-containing heme group. The heme group is involved with oxygen transport from the lungs to the tissues and the globin molecule plays a major role in transporting carbon dioxide in the reverse direction. Hemoglobin is found in the erythrocytes of all vertebrates. There is a wide diversity of amino acid sequences and substitutions within mammalian hemoglobins, however the molecular weight is generally around 66kDa with an iron content of about 0.34%. The level of hemoglobin in the blood is used in the diagnosis of anemia; levels in the feces are indicative of various clinical conditions.
Synonyms:	Haemoglobin



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