

Datasheet for ABIN106458
anti-Red Blood Cell antibody



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1 Publication

Overview

Quantity:	50 mg
Target:	Red Blood Cell (RBC)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Red Blood Cell antibody is un-conjugated
Application:	Please inquire

Product Details

Immunogen:	Human washed pooled Red Blood Cells (RBC)
Isotype:	IgG
Characteristics:	Blood Product Sterility: Non-sterile Concentration Definition: by UV absorbance at 280 nm Blood Product Type: Red Blood Cells
Purification:	This product is an IgG fraction antibody purified from polyspecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.

Target Details

Target:	Red Blood Cell (RBC)
Alternative Name:	Red Blood Cell (RBC Products)
Background:	Anti Human Red Blood Cells Antibody recognizes human red blood cells and can be used in a

Target Details

variety of agglutination assays where agglutination or clumping of red blood cells is a positive indication of the presence of an analyte, virus particle or bacteria.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Restore with deionized water (or equivalent)

Concentration: 10.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Publications

Product cited in: Arora, Hart, Manzella-Lapeira, Doritchamou, Narum, Thomas, Brzostowski, Rajagopalan, Doumbo, Traore, Miller, Pierce, Duffy, Crompton, Desai, Long: "NK cells inhibit Plasmodium falciparum growth in red blood cells via antibody-dependent cellular cytotoxicity." in: **eLife**, Vol. 7, (2019) ([PubMed](#)).