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Red Blood Cell Depletion Magnetic Beads
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Catalog # ASR3604

Specification

Red Blood Cell Depletion Magnetic Beads - Product Information

Host	**Rabbit**
Conjugate	**Magnetic Bead**
Clonality	**Polyclonal**
Application	**WB, I, LCI**
Application Note	**Red Blood Cell Depletion Magnetic Beads has been tested in binding assays for separation of Red Blood Cells, from whole blood. Remaining white blood cells can be used for downstream assays such as immunoassays, Western blots, FACS, and immunohistochemistry. For 100 µL of whole blood cells add 75 µL of Depletion beads, expecting 75 – 95% depletion of RBC after one pass. Optimal amount for applications should be determined by the researcher.**
Physical State	**Suspension of Magnetic Beads**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
Immunogen	**Human washed pooled Red Blood Cells (RBC)**
Preservative	**0.01% (w/v) Sodium Azide**

Red Blood Cell Depletion Magnetic Beads - Additional Information

Storage Condition
Store vial at 4° C prior to opening. DO NOT FREEZE. The beads are in suspension and will settle upon storage. Prior to use, mix the vial gently (do not vortex) to ensure delivery of proper bead volume.

Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

Red Blood Cell Depletion Magnetic Beads - Protein Information

Red Blood Cell Depletion Magnetic Beads - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Red Blood Cell Depletion Magnetic Beads - Images

Red Blood Cell Depletion Magnetic Beads - Background

Red Blood Cell Depletion Magnetic Beads recognizes human red blood cells. Red Blood Cell Depletion Magnetic Beads is recommended for the depletion of human Red Blood Cells in samples prior to downstream immunological and non-immunological assays and has been tested in Flow Cytometry. Some additional assays could include Colony Forming Unit (CFU) Assay and Immunohistochemistry among others. These magnetic beads are uniform, non-aggregating, super-paramagnetic beads consisting of a ferric oxide core functionalized with various silane groups. The beads have a large surface area with high capture efficiencies. Bead mean diameter is ~0.5 µm, bead concentration is 20 mg/mL.