

[Go to Product page](#)

Datasheet for ABIN7193762 **anti-MR1 antibody**

Overview

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|--------------|--|
| Quantity: | 0.1 mg |
| Target: | MR1 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This MR1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC) |

Product Details

| | |
|---------------|--|
| Immunogen: | Purified recombinant fragment of human MR1 (AA: extra(23-302)) expressed in E. coli. |
| Clone: | 6A5B2 |
| Isotype: | IgG2a |
| Purification: | purified |

Target Details

| | |
|-------------------|---|
| Target: | MR1 |
| Alternative Name: | MR1 (MR1 Products) |
| Background: | Description: MAIT (mucosal-associated invariant T-cells) lymphocytes represent a small population of T-cells primarily found in the gut. The protein encoded by this gene is an antigen-presenting molecule that presents metabolites of microbial vitamin B to MAITs. This |

Target Details

presentation may activate the MAITs to regulate the amounts of specific types of bacteria in the gut. Several transcript variants encoding different isoforms have been found for this gene, and a pseudogene of it has been detected about 36 kbp upstream on the same chromosome.
Aliases: HLALS

Molecular Weight: 39.4 kDa

Gene ID: 3140

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: WB:1:500 - 1:2000, IHC:1:200 - 1:1000, ICC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

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/-20 °C

Storage Comment: 4°C, -20°C for long term storage