

# Anti-Mouse CD54 Antibody [YN1/1.7.4] -Low Endotoxin Purified

AGEL2154

## Description

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This Anti-Mouse CD54 Antibody [YN1/1.7.4] -Low Endotoxin Purified is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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|----------------------|---|
| <b>SKU:</b>          | AGEL2154  |
| <b>Contents:</b>     | 100µg, 25µg<br>Bradford Reagent: 1 vial (2ml)                         |
| <b>Category:</b>     | Monoclonal Antibody   |
| <b>Clonality:</b>    | Monoclonal  |
| <b>Clone:</b>        | YN1/1.7.4   |
| <b>Synonyms:</b>     | CD54, Icam-1, Icam1, Intercellular adhesion molecule 1, MALA-2, MyD10 |
| <b>Applications:</b> | <a href="#">FCM</a>   |
| <b>Reactivity:</b>   | Mouse   |
| <b>Immunogen:</b>    | Recombinant Mouse CD54 protein  |

## Antibody Data

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|-------------------------|--------------|
| <b>Uniprot ID:</b>      | -            |
| <b>Gene ID:</b>         | -            |
| <b>Swissprot:</b>       | P13597       |
| <b>Host Species:</b>    | Rat          |
| <b>Isotype:</b>         | Rat IgG2b, κ |
| <b>Isotype Control:</b> | -            |

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

|                                 |   |
|---------------------------------|---|
| <b>Conjugation:</b>             | -   |
| <b>Conjugation Information:</b> | -   |
| <b>Buffer:</b>                  | Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method. |
| <b>Purification:</b>            | >98%, Protein A/G purified  |
| <b>Target:</b>                  | CD54  |
| <b>Cellular Localization:</b>   | -   |
| <b>Tissue Specificity:</b>      | -   |
| <b>Verified Samples:</b>        | Verified Samples in FCM: C57/BL6 Mouse splenocytes                                    |
| <b>Concentration:</b>           | ≥ 1 mg/mL   |

## Preparation & Storage

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**Storage:** Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

**Shipping:** Ice bag

**Recommended Dilution:** FCM 2 µg/mL(0.5×10<sup>6</sup>-1×10<sup>6</sup> cells)

**Recommended Usage:**

| Application | Recommended Usage |
|-------------|-------------------|
| -           | -                 |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.