

# Anti-Mouse CD31 Antibody [390] -Low Endotoxin, Azide Free

AGEL5006

## Description

---

This Anti-Mouse CD31 Antibody [390] -Low Endotoxin, Azide Free 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

---

|                      |                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SKU:</b>          | AGEL5006                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Contents:</b>     | 25µg, 100µg, 1mg<br>Bradford Reagent: 1 vial (2ml)                                                                                                                                                                                                                                                                                                                        |
| <b>Category:</b>     | Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                       |
| <b>Clonality:</b>    | Monoclonal                                                                                                                                                                                                                                                                                                                                                                |
| <b>Clone:</b>        | 390                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms:</b>     | CD31, Platelet endothelial cell adhesion molecule, Pecam, Pecam-1, Pecam1, endocam, gpIIa, Adhesion molecule, CD31 antigen, CD31 EndoCAM, CD31/EndoCAM, cluster of differentiation 31, endoCAM, FLJ34100, FLJ58394, GPIIA, GPIIA', PECA1, Pecam 1, PECAM 1 CD31 EndoCAM, platelet and endothelial cell adhesion molecule 1, Platelet/endothelial cell adhesion molecule 1 |
| <b>Applications:</b> | <b>FCM</b>                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity:</b>   | Mouse                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen:</b>    | Recombinant Mouse CD31 protein                                                                                                                                                                                                                                                                                                                                            |

## Antibody Data

---

|                      |        |
|----------------------|--------|
| <b>Uniprot ID:</b>   | -      |
| <b>Gene ID:</b>      | -      |
| <b>Swissprot:</b>    | Q08481 |
| <b>Host Species:</b> | Rat    |

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

|                                 |                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------|
| <b>Isotype:</b>                 | Rat IgG2a, κ                                                                          |
| <b>Isotype Control:</b>         | -                                                                                     |
| <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>                  | CD31                                                                                  |
| <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

---

**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.