

# FcεR1 Monoklonaler Antikörper

Katalog-Nr.: CL594-65091

## Allgemeine Informationen

|                                    |                                                                                    |                                                                    |
|------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>Katalog-Nr.:</b><br>CL594-65091 | <b>GenBank-Zugangsnummer:</b><br>BC125455                                          | <b>Reinigungsmethode:</b><br>Affinitätsreinigung                   |
| <b>Größe:</b><br>100 µg, 500 µg/ml | <b>GeneID (NCBI):</b><br>14125                                                     | <b>CloneNo.:</b><br>MAR-1                                          |
| <b>Wirt:</b><br>Armenian Hamster   | <b>Vollständiger Name:</b><br>Fc receptor, IgE, high affinity I, alpha polypeptide | <b>Anregungs-/Emissionsmaxima-Wellenlängen:</b><br>588 nm / 604 nm |
| <b>Isotyp:</b><br>IgG              |                                                                                    |                                                                    |

## Anwendungen

**Geprüfte Anwendungen:**  
FC  
**Getestete Reaktivität:**  
Maus

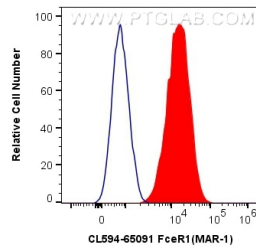
## Hintergrundinformationen

Fc epsilon Receptor I alpha (FcεRIα) is a single-pass type I membrane protein which contains 2 immunoglobulin-like domains. FcεRIα forms a tetrameric complex with one beta and two gamma subunits (PMID: 19406478). FcεRI is the high-affinity receptor for the Fc region of immunoglobulin E (IgE) (PMID: 1532373). It is expressed on mast cells and basophils and plays a central role in the allergic response (PMID: 2148316).

## Lagerung

**Lagerungsbedingungen:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Lagerungspuffer:**  
PBS with 0.09% sodium azide.

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> MC/9 cells were surface stained with 0.5 ug CoraLite®594 Anti-Mouse FcεR1 (CL594-65091, Clone:MAR-1) (red), or 0.5 ug Isotype Control. Cells were not fixed.