

## APC Anti-Human CD134/OX40 Antibody[Ber-ACT35]

**Catalog Number:** GFH1153E

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

### Description

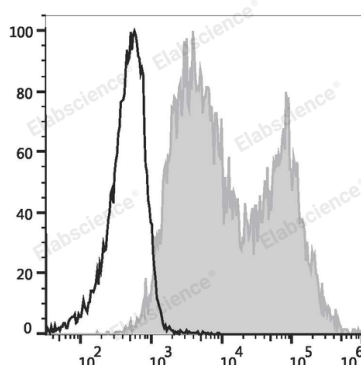
|                                |                                                                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>              | Human                                                                                                                                                      |
| <b>Host</b>                    | Mouse                                                                                                                                                      |
| <b>Isotype</b>                 | Mouse IgG1, $\kappa$                                                                                                                                       |
| <b>Clone No.</b>               | Ber-ACT35                                                                                                                                                  |
| <b>Isotype Control</b>         | APC Mouse IgG1, $\kappa$ Isotype Control[MOPC-21] [Product E-AB-F09792E]                                                                                   |
| <b>Conjugation</b>             | APC                                                                                                                                                        |
| <b>Conjugation Information</b> | APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter). |
| <b>Storage Buffer</b>          | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.                                                                                        |

### Applications

### Recommended usage

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FCM</b> | Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. |
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### Data



CHO cells transiently transfected with pcDNA3.1 plasmid encoding Human CD134 gene are stained with APC Anti-Human CD134 Antibody (filled gray histogram) or APC Mouse IgG1,  $\kappa$  Isotype Control (empty black histogram).

### Preparation & Storage

|                 |                                                                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| <b>Shipping</b> | Ice bag                                                                                                                                                   |

### Antigen Information

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| <b>Alternate Names</b> | ACT35 antigen;CD134;OX40L receptor;TNFRSF4;TXGP1L;OX40 |
| <b>Gene ID</b>         | 7293                                                   |

### For Research Use Only

## Background

CD134, also known as OX40 and TNFRSF4, is a 50 kD type I transmembrane glycoprotein. It is a member of the TNF receptor family. OX40 is expressed on activated T lymphocytes including Th1, Th2, Th17, and Treg cells. The interaction of OX40 with OX40L results in B cell proliferation and antibody secretion, regulation of primary T cell expansion, and T cell survival. OX40 influences the size of the T cell memory pool and regulation of CD4+ T cell tolerance.