# CD94 monoclonal antibody (AT13E3)

The protein encoded by CD94 gene is a lectin, cluster of differentiation and a receptor that is involved in cell signaling and is expressed on the surface of natural killer cells in the innate immune system. CD94 pairs with the NKG2 molecule as a heterodimer. The CD94/NKG2 complex, on the surface of natural killer cells interacts with Human Leukocyte Antigen (HLA) -E on target cells.

**This antibody is covered by our Worry-Free Guarantee.**

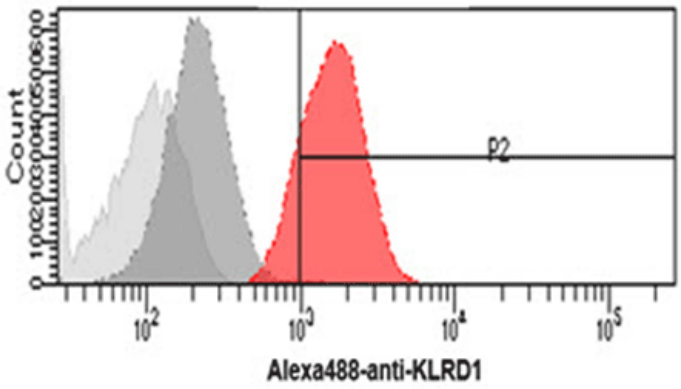
## Ordering Information

Order Online »

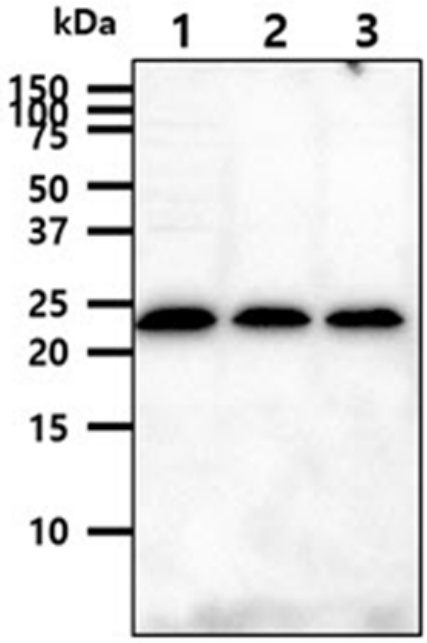
| | |
|---|---|
| **ENZ-ABS723-0100** | 100µl |

## Manuals, SDS & CofA

View Online »




Flow cytometry analysis of KLRD1 in PBMC cells. The cell was stained with ENZ-ABS723 at 2-5μg for $1\times10^6$ cells (red). A Goat anti mouse IgG (Alexa fluor 488) was used as the secondary antibody. Mouse monoclonal IgG was used as the isotype control (dark gray), cells without incubation with primary and secondary antibody was used as the negative control (light gray).




The cell lysates (40μg) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human KLRD1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1: K562 cell lysate. Lane 2: MCF7 cell lysate. Lane 3: A549 cell lysate.

## Handling & Storage

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|---|---|
| **Handling** | Avoid freeze/thaw cycles. |
| **Long Term Storage** | -20°C |
| **Shipping** | Blue Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

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|---|---|
| **Alternative Name** | Natural killer cells antigen CD94, KP43, Killer cell lectin-like receptor subfamily D member 1, NK cell receptor |
| **Application** | ELISA, Flow Cytometry, WB |
| **Clone** | AT13E3 |
| **Formulation** | Liquid. In PBS, pH 7.4, containing 0.02% sodium azide and 10% glycerol. |
| **Host** | Mouse |
| **Immunogen** | Recombinant human KLRD1 (aa 32-179) purified from E. coli. |
| **Isotype** | IgG1κ |
| **Purity Detail** | Protein A affinity purified |
| **Source** | Purified from ascites. |
| **Species Reactivity** | Human |
| **UniProt ID** | Q13241 |
| **Worry-free Guarantee** | **This antibody is covered by our Worry-Free Guarantee .** |

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