

30-1524: Anti-CD94 Monoclonal Antibody (Clone:HP-3D9)

| Clonality : | Monoclonal |
|-------------------------|-------------------------|
| Clone Name : | HP-3D9 |
| Application : | FACS |
| Reactivity : | Human |
| Gene : | KLRD1 |
| Gene ID : | 3824 |
| Uniprot ID : | Q13241 |
| Format : | Purified |
| Alternative Name : | KLRD1,CD94 |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Cultured human NK cells |

Description

CD94, also known as KLRD1 (killer cell lectin-like receptor D1), is a transmembrane glycoprotein of the C-type lectin family, which forms disulfide-linked heterodimers with NKG2A, B, C, E, H proteins, constituting functionally distinct receptors of NK cells and related cell types. CD94/NKG2A and CD94/NKG2B heterodimers serve as inhibitory, whereas CD94/NKG2C and CD94/NKG2E as activating receptors. The ligand for CD94/NKG2 complexes has been identified as HLA-E. Extent of CD94 expression on NK cell surface can be used to demonstrate their progress through the differentiation process.

Product Info

| Amount : | 0.1 mg |
|---------------------|---|
| Purification : | Purified by protein-A affinity chromatography |
| Storage condition : | Store at 2-8°C. Do not freeze. |