

KLRD1 Antibody

*Mouse Anti Human Killer Cell Lectin Like Receptor D1
ABM0427*

Product Overview

Name KLRD1 Antibody

Description

Mouse Anti Human Killer Cell Lectin Like Receptor D1

Synonyms

Killer Cell Lectin Like Receptor D1, Killer Cell Lectin-Like Receptor Subfamily D, Member 1, NK Cell Receptor, CD94 Antigen, CD94, KP43, Killer Cell Lectin-Like Receptor Subfamily D Member 1, Natural Killer Cells Antigen CD94, KLRD1.

Introduction

KLRD1, also known as Killer Cell Lectin Like Receptor D1, is expressed on the surface of natural killer cells in the innate immune system. KLRD1 functions as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. KLRD1 can create disulfide-bonded heterodimer with NKG2 family members. CD94 & NKG2 complex interacts with (HLA)-E, Human Leukocyte Antigen on target cells on the surface of natural killer cells.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

KLRD1 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

ADP KNSFTKL SIEPAFTPGP NIELQKSDSC CSCQEKWVG Y RCNCYFISSE QKTWNESRHL CASQKSSLLQ
LQNTDELDFM SSSQQFYWIG LSYSEEHTAW LWENGSA LSQ YLFPSFETFN TKNCIAYNPN GNALDESCED
KNRYICKQQL I HHHHHH

Precautions

KLRD1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.