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KLRC3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant KLRC3.
Catalog # AT2644a

Specification

KLRC3 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q07444
Other Accession	NM_002261
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**27100**

KLRC3 Antibody (monoclonal) (M01) - Additional Information

Gene ID 3823

Other Names
NKG2-E type II integral membrane protein, NK cell receptor E, NKG2-E-activating NK receptor, KLRC3, NKG2E

Target/Specificity
KLRC3 (NP_002252, 132 a.a. ~ 240 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
KLRC3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

KLRC3 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

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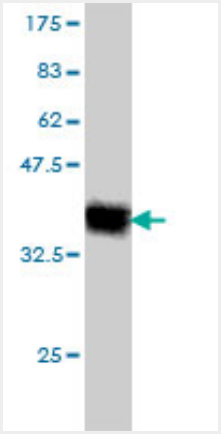
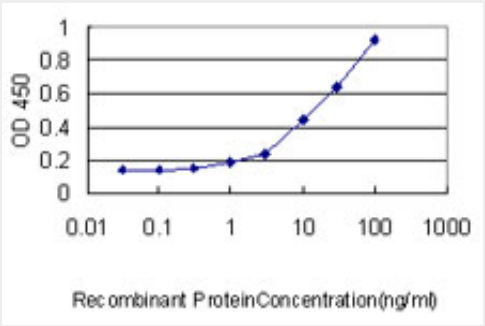
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KLRC3 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .



Detection limit for recombinant GST tagged KLRC3 is approximately 0.3ng/ml as a capture antibody.

KLRC3 Antibody (monoclonal) (M01) - Background

Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. NK cells preferentially express several calcium-dependent (C-type) lectins, which have been implicated in the regulation of NK cell function. KLRC3 is a member of the NKG2 group which are expressed primarily in natural killer (NK) cells and encodes a family of transmembrane proteins characterized by a type II membrane orientation (extracellular C terminus) and the presence of a C-type lectin domain. The NKG2 gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed on NK cells. Alternative splicing results in multiple transcript variants encoding different isoforms.

KLRC3 Antibody (monoclonal) (M01) - References

1.Glycosylation-related gene expression is linked to differentiation status in glioblastomas undifferentiated cells.Cheray M, Petit D, Forestier L, Karayan-Tapon L, Maftah A, Jauberteau MO, Battu S, Gallet FP, Lalloue F.Cancer Letters (2011), doi: 10.1016/ j.canlet.2011.07.027