



20150217ML

# Anti-Human NKp80 (#7D32)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>101-M588</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with extracellular domain of human recombinant protein of NKp80, also called killer cell lectin-like receptor subfamily F, member 1 (KLRF1).

## Target Background

<b>Synonyms (Target):</b>	KLRF1; NKp80; CLEC5C
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NKp80, also known as killer cell lectin-like receptor subfamily F, member 1 (KLRF1), is a type II transmembrane protein with a C-type lectin domain in its extracellular region. NKp80 is expressed at the cell surface of virtually all NK cells as a dimer of approximately 80 kDa. It has been shown to function as a co-receptor with natural cytotoxicity receptors (NCR) to induce activation of NK cell-mediated cytotoxicity.

## Database References Target

<b>Protein RefSeq:</b>	NP_057607.1
<b>Uniprot ID:</b>	Q9NZS2
<b>mRNA RefSeq:</b>	NM_016523.1

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#7D32)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	recombinant human NKp80
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS (sterile)

**Reconstitution:** Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks:** This antibody was selected for its ability to detect human NKp80.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

FC

### Recommended usage:

Flow cytometry: 1:50 - 1:100

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**