



20150116ML

# Anti-Human CD244 (#7D24)

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

<b>Cat.-no.:</b>	<b>101-M298</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 Human CD244 recombinant protein (extracellular domain).

## Target Background

<b>Synonyms (Target):</b>	CD244; 2B4; NAIL; Nmrk; NKR2B4; SLAMF4
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2B4, also known as CD244, is a cell surface glycoprotein belonging to the CD2 subgroup of the immunoglobulin superfamily. It acts as a high-affinity receptor for CD48. It is expressed by natural killer (NK) cells and CD8+ T cell subsets. It can regulate killing by CD8+ T cells and NK cells, and IFN-gamma secretion by NK cells. It may also regulate NK cell and T cell proliferation.

## Database References Target

<b>Protein RefSeq:</b>	NP_057466
<b>Uniprot ID:</b>	Q9BZW8
<b>mRNA RefSeq:</b>	NM_016382

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#7D24)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	Human recombinant CD244 (EC domain)
<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 CD244.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB

**Recommended usage:**

**WB:** 1:500-1000

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