

## Product datasheet for **AM26748LE-N**

### LILRB1 Mouse Monoclonal Antibody [Clone ID: GHI/75]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	GHI/75
Applications:	FC, FN, IP, WB
Recommended Dilution:	<b>Flow cytometry.</b> <b>Immunoprecipitation.</b> <b>Western blot.</b> <b>Functional application:</b> Blocking HLA-G induced TGF-beta1 production.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Hairy cell leukaemia cells
Specificity:	This antibody recognizes CD85j / ILT2, an 110-120 kDa membrane glycoprotein expressed strongly on plasma cells, moderately on circulating B cells, and weakly on monocytes. It is also expressed on T cell and NK cell subsets (variable, individual).
Formulation:	Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 µm filter sterilized. State: Low Endotoxin State: Liquid ig fraction
Concentration:	lot specific
Purification:	Protein-A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	leukocyte immunoglobulin like receptor B1
Database Link:	<a href="#">Entrez Gene 10859 Human</a> <a href="#">Q8NHL6</a>



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**Background:**

CD85j, also known as ILT-2 (Ig-like transcript 2), LIR-1 (leukocyte Ig-like receptor 1), or LILRB1 (leukocyte Ig-like receptor B1), is a member of Ig superfamily transmembrane glycoproteins named CD85. The CD85j protein is expressed on several types of immune cells (plasma cells, B cells, monocytes, T and NK cell subsets) where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity.

**Synonyms:**

LILR-B1, ILT2, LIR1, MIR7, LIR-1, ILT-2, MIR-7