

Product datasheet for **AM26748PU-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:	Flow cytometry. Immunoprecipitation. Western blot. Functional application: 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:	Phosphate buffered saline (PBS) State: Purified State: Liquid Ig fraction Preservative: 15 mM sodium azide, approx. pH 7.4
Concentration:	lot specific
Purification:	Protein-A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	leukocyte immunoglobulin like receptor B1
Database Link:	Entrez Gene 10859 Human Q8NHL6



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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