

## Technical Data Sheet

## FITC Mouse Anti-Human CD85j

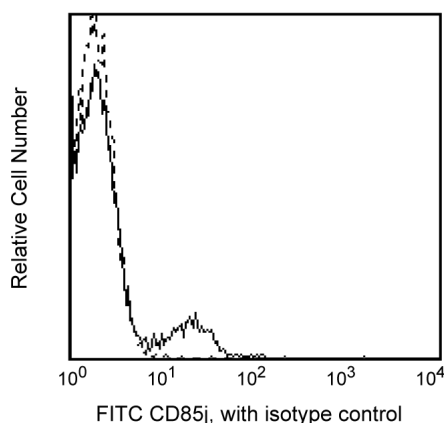
## Product Information

<b>Material Number:</b>	555942
<b>Alternate Name:</b>	CD85
<b>Size:</b>	100 tests
<b>Vol. per Test:</b>	20 µl
<b>Clone:</b>	GHI/75
<b>Isotype:</b>	Mouse IgG2b, κ
<b>Reactivity:</b>	QC Testing: Human
<b>Workshop:</b>	V B032
<b>Storage Buffer:</b>	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

## Description

CD85 molecules belong to a large immunoregulatory family and it has been clustered into different subclasses from CD85a to CD85m in the VIIth HLDA workshop. CD85j is also called as Ig-like transcript (ILT2), or leukocyte Ig-like receptor (LIR-1). Reacts with an 110 kDa membrane glycoprotein expressed on a subset of NK cells, which varies amongst individuals, and a subpopulation of T lymphocytes. Expression on T lymphocytes, NK cells may depend on the individuals tested. Function studies show that ligation of ILT2 with MHC class I including HLA-A, B, G1 and -E induces an inhibitory signal via recruitment of SHP-1 phosphatase.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.



*Profile of peripheral blood lymphocytes analyzed by flow cytometry*

## Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

The antibody was conjugated with FITC under optimum conditions, and unreacted FITC was removed.

Store undiluted at 4° C and protected from prolonged exposure to light. Do not freeze.

## Application Notes

## Application

Flow cytometry	Routinely Tested
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## Suggested Companion Products

Catalog Number	Name	Size	Clone
555742	FITC Mouse IgG2b κ Isotype Control	100 tests	27-35

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## Product Notices

1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1 X 10<sup>6</sup> cells in a 100-μl experimental sample (a test).
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Please refer to [www.bdbiosciences.com/pharming/en/protocols](http://www.bdbiosciences.com/pharming/en/protocols) for technical protocols.
4. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
5. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

## References

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