

Technical Data Sheet

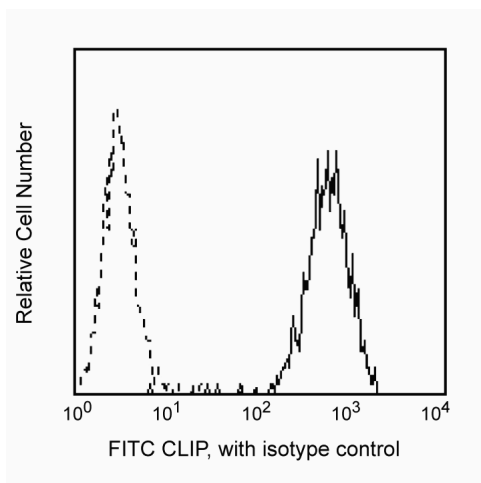
FITC Mouse Anti-Human CLIP

Product Information

Material Number:	555981
Size:	100 tests
Vol. per Test:	20 µl
Clone:	CerCLIP
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Human
Workshop:	NA
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

Reacts with the class II associated invariant chain peptides (CLIP). CLIP is the remaining segment of class II invariant chain (Ii) after proteolytic degradation which stays associated with HLA-DR and represents a final intermediate in the removal of invariant chain from class II molecules during antigen processing. The removal of CLIP and subsequent loading of the antigenic peptide is facilitated by the non-classical class II molecule HLA-DM. CLIP can be detected, in association with HLA-DR, on the surface of T2DR3, a mutant cell line lacking HLA-DM.



Profile of CLIP expressed on T2DR3 cell line analyzed on a FACScan (BDIS, San Jose, CA)

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
555748	FITC Mouse IgG1, κ Isotype Control	100 tests	MOPC-21

BD Biosciences

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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 10⁶ cells in a 100- μ l 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 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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- Denzin LK, Robbins NF, Carboy-Newcomb C, Cresswell P. Assembly and intracellular transport of HLA-DM and correction of the class II antigen-processing defect in T2 cells. *Immunity*. 1994; 1(7):595-606.(Biology)
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