CLIP monoclonal antibody (CerCLIP.1)

CLIP (class II-associated invariant chain peptide) is an important peptide in the MHC-II antigen processing pathway, formed by the enzymatic cleavage of amino acids 81-104 from the invariant chain. During MHC-II synthesis in the ER and transport to endocytic vesicles, the antigen binding site of MHC-II is obstructed by the presence of the invariant chain. As the MHC-II complex moves through the Golgi, the invariant chain is degraded, leaving the CLIP fragment in the MHC-II peptide binding groove. CLIP is eventually displaced by the loading of antigenic peptides, followed by presentation on the APC cell surface to CD4+ T-cells.

This antibody is covered by our Worry-Free Guarantee.

Citations: 3 View Online »

Ordering Information

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ADI-CSA-600-F	200µg

Manuals, SDS & CofA

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Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Application	Flow Cytometry, IP, WB
Clone	CerCLIP.1
Formulation	Liquid. In PBS containing 0.09% sodium azide.
GenBank ID	K01144
Host	Mouse
Immunogen	Synthetic peptide corresponding to a portion of human CLIP.
Isotype	IgG1
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Flow Cytometry (1:200)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from mouse ascites.
Species Reactivity	Human
UniProt ID	P04233
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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