

For Research Use Only

CoraLite®594-conjugated IL-2 Monoclonal antibody

Catalog Number:CL594-60306



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL594-60306	BC070338	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	3558	2F11C5
Source:	UNIPROT ID:	Recommended Dilutions:
Mouse	P60568	IF-P 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG2a	interleukin 2	588 nm / 604 nm
Immunogen Catalog Number:	Calculated MW:	
AG10199	153 aa, 18 kDa	

Applications

Tested Applications:	Positive Controls:
IF-P	IF-P : human tonsillitis tissue,
Species Specificity:	
human	

Background Information

IL2 is a secreted cytokine involved in the operation and regulation of immune system. IL2 plays a pivotal role in T-cell activation and effector functions, including T cell proliferation, interferon- γ production and cytotoxicity. IL2 can stimulate the propagation of lymphocytes and induce the cytotoxic T lymphocytes and lymphokine-activated killer cells for tumor cells. IL2 also influences memory T cell homeostasis through the regulation of memory T cell numbers and enhances major histocompatibility complex II (MHC II) expression on tumor cells.

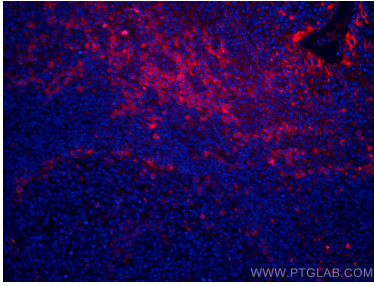
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

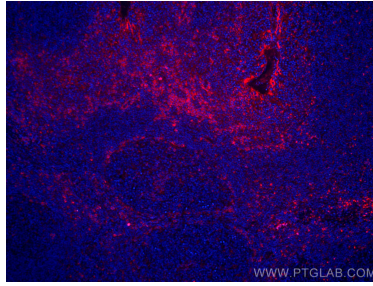
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 IL-2 antibody (CL594-60306, Clone: 2F11C5) at dilution of 1:200.



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