

For Research Use Only

CoraLite® Plus 488-conjugated TLR8 Monoclonal antibody



Catalog Number: CL488-67317

Basic Information

Catalog Number: CL488-67317	GenBank Accession Number: BC101075	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 51311	CloneNo.: 3B6A4
Source: Mouse	UNIPROT ID: Q9NR97	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG1	Full Name: toll-like receptor 8	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG16566	Calculated MW: 1041 aa, 120 kDa	
	Observed MW: 120 kDa	

Applications

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

Background Information

Toll-like receptors (TLRs) are a group of pathogen recognition receptors (PRRs) that can be divided into two subfamilies depending on their subcellular localization (PMID: 32268138). Toll-like receptor 8 (TLR8), a sensor for pathogen-derived single-stranded RNA (ssRNA), binds to uridine (Uri) and ssRNA to induce defense responses (PMID:30535046). TLR8 proteins were expressed in spleen, epididymal sperm, testicular sperm cells, and Leydig cells but were weak in Sertoli cells. It can identify two isoforms, 120 and 122 kDa.

Storage

Storage:
Store at -20°C. Avoid exposure to light.
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:

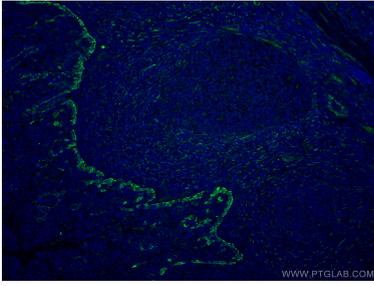
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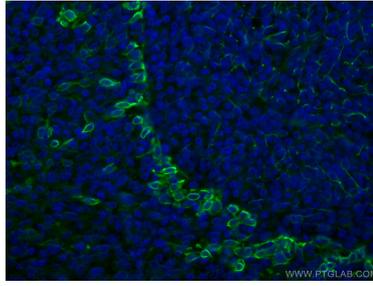
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite® Plus 488 TLR8 antibody (CL488-67317, Clone: 3B6A4) at dilution of 1:200.



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