

For Research Use Only

# FITC Plus-conjugated TLR8 Monoclonal antibody

Catalog Number:**FITC-67317**



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
FITC-67317	BC101075	Protein G purification
Size:	GenID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	51311	3B6A4
Source:	UNIPROT ID:	Recommended Dilutions:
Mouse	Q9NR97	IF-P: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG1	toll-like receptor 8	wavelengths:
Immunogen Catalog Number:	Calculated MW:	495 nm / 524 nm
AG16566	1041 aa, 120 kDa	
	Observed MW:	
	120 kDa	

## Applications

Tested Applications:	Positive Controls:
IF-P	
Species Specificity:	IF-P: human breast cancer tissue,
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.

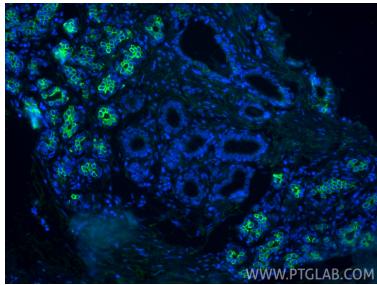
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

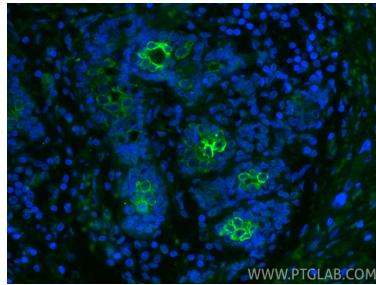
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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 paraffin-embedded human breast cancer tissue using FITC Plus TLR8 antibody (FITC-67317, Clone: 3B6A4) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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