

For Research Use Only

# FITC Plus-conjugated TLR8 Monoclonal antibody

Catalog Number: FITC-67317



## Basic Information

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

## Applications

Tested Applications: IF-P	Positive Controls: IF-P : human breast cancer 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. 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:

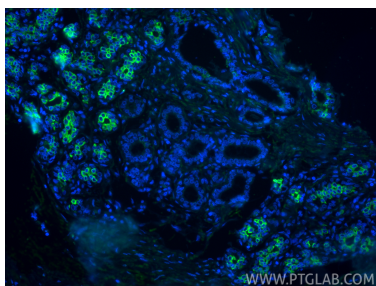
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

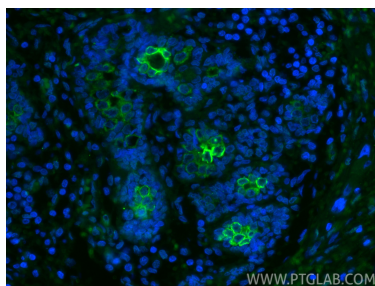
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## Selected Validation Data



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).



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).