

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	GenID (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:	Positive Controls:
IF-P	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:

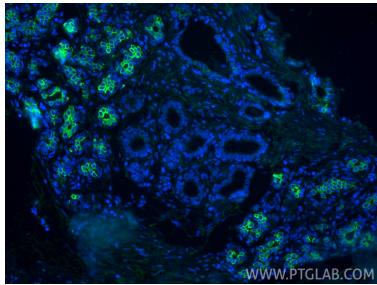
T: 4006900926

E: Proteintech-CN@ptglab.com

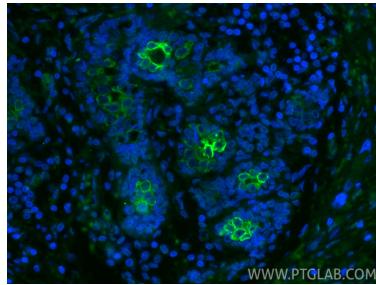
W: ptgcn.com

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).



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).