

For Research Use Only

CoraLite® Plus 488-conjugated RAGE Recombinant monoclonal antibody

Catalog Number: CL488-83742-5



Basic Information

Catalog Number: CL488-83742-5	GenBank Accession Number: NM_007425.3	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 11596	CloneNo.: 240774F11
Isotype: IgG	UNIPROT ID: Q62151-1	Recommended Dilutions: IF-P: 1:50-1:500
Immunogen Catalog Number: EG0873	Full Name: advanced glycosylation end product-specific receptor	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 43 kDa	
	Observed MW: 42-55 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P: mouse lung tissue,
Species Specificity: human, mouse, rat	

Background Information

The receptor for advanced glycation end products (RAGE) is a cell surface transmembrane multiligand receptor, also known as Ager, is a multiligand member of the immunoglobulin superfamily. It has many isoforms and is predominantly expressed in the lung. AGER expression is upregulated in many diseases such as Alzheimer's disease, diabetes mellitus, atherosclerosis, and rheumatoid arthritis (PMID: 35099614).

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:

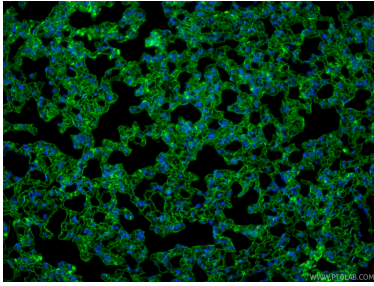
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse lung tissue using CoraLite® Plus 488 RAGE antibody (CL488-83742-5, Clone: 240774F11) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).