

For Research Use Only

# ACKR2 Monoclonal antibody

Catalog Number: 60046-1-Ig **1 Publications**



## Basic Information

|                                                                                                |                                                  |                                                                     |
|------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------|
| <b>Catalog Number:</b><br>60046-1-Ig                                                           | <b>GenBank Accession Number:</b><br>BC008816     | <b>Purification Method:</b><br>Protein A purification               |
| <b>Size:</b><br>150ul , Concentration: 833 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>1238                    | <b>CloneNo.:</b><br>1A3A2                                           |
| <b>Source:</b><br>Mouse                                                                        | <b>UNIPROT ID:</b><br>O00590                     | <b>Recommended Dilutions:</b><br>IHC 1:20-1:200<br>IF-P 1:200-1:800 |
| <b>Isotype:</b><br>IgG1                                                                        | <b>Full Name:</b><br>chemokine binding protein 2 |                                                                     |
| <b>Immunogen Catalog Number:</b><br>AG1941                                                     | <b>Calculated MW:</b><br>43 kDa                  |                                                                     |

## Applications

|                                                                                                                                                      |                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Tested Applications:</b><br>IHC, IF-P, ELISA                                                                                                      | <b>Positive Controls:</b><br>IHC : human tonsillitis tissue,<br>IF-P : human tonsillitis tissue, |
| <b>Cited Applications:</b><br>IHC, IF                                                                                                                |                                                                                                  |
| <b>Species Specificity:</b><br>human                                                                                                                 |                                                                                                  |
| <b>Cited Species:</b><br>human                                                                                                                       |                                                                                                  |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |                                                                                                  |

## Background Information

ACKR2, also named as CCBP2 or chemokine receptor D6, is a heptahelical membrane protein expressed by lymphatic endothelial cells, binding with high affinity to multiple proinflammatory CC chemokines.

## Notable Publications

| Author   | Pubmed ID | Journal             | Application |
|----------|-----------|---------------------|-------------|
| Lan Yang | 39437486  | Int Immunopharmacol | IHC,IF      |

## Storage

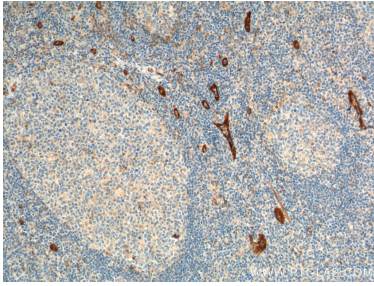
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

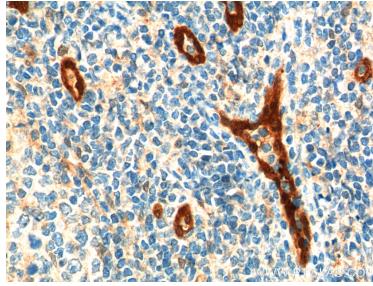
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

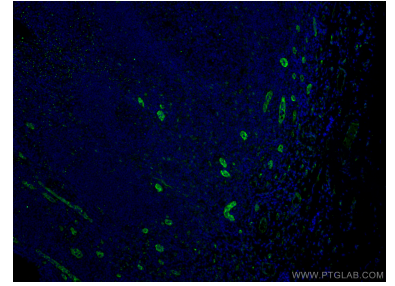
## Selected Validation Data



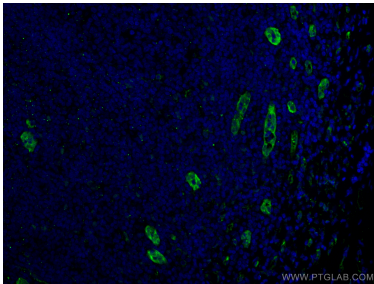
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60046-1-Ig (ACKR2 Antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60046-1-Ig (ACKR2 Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using ACKR2 antibody (60046-1-Ig, Clone: 1A3A2 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using ACKR2 antibody (60046-1-Ig, Clone: 1A3A2 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).