Anti-PLA2R1

HPA012657

I47626

phospholipase A2 receptor 1, 180kDa

Human Protein Atlas: ENSG00000153246
Ensembl: ENSG00000153246
Uniprot/SWISSPROT;Acc:Q13018
HGNC Symbol;Acc:9042

CLEC13C, PLA2-R, PLA2G1R, PLA2IR

Immunohistochemistry-Paraffin Embedded Tissues (IHC-P)

IHC-P Anti-PLA2R1

Immunohistochemical staining of human lymph node shows strong cytoplasmic positivity in a subset of cells.

Recommended conditions:

- Retrieval method: HIER pH6
- Dilution: 1:500 - 1:1000

Protocol IHC-P

Optimal concentrations and conditions should be determined by the end user.

Link to all characterization data on the Human Protein Atlas

NOTE: Please visit the Human Protein Atlas for the images of the immunohistochemical analysis of 576 human tissue samples of normal and cancer origin as well as 59 cells and cell lines in duplicates.

Protein Array (PA)

Anti-PLA2R1 shows specific reactivity against target antigen.

Protocol PA

Debiec H et al
PLA2R autoantibodies and PLA2R glomerular deposits in membranous nephropathy.
PubMed ID: 21323563
DOI: 10.1056/NEJMc1011678

Debiec H et al
Autoantibodies Specific for the Phospholipase A(2) Receptor in Recurrent and De Novo Membranous Nephropathy.
Am J Transplant 2011 Aug 9;
PubMed ID: 21827616
DOI: 10.1111/j.1600-6143.2011.03643.x

Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence:
EEKTWHEALRSCQADNSALIDITSLAEVEFLVTLGDENASETWIGLSSN
KIPVSFEWSNDSSVIFTNWHTLEPHFPNRSQLCVSAEQSEGHWKVKNCE
ERLFYICKKAGHVLSDAESGQEGWHERHGGFCYKD

Vial Size
100 µl

Concentration
0.3 mg/ml

Raised in
Rabbit

Isotype
IgG
<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Clonality</td>
<td>Polyclonal, mono-specific.</td>
</tr>
<tr>
<td>Purity</td>
<td>Affinity purified using the PrEST antigen as affinity ligand.</td>
</tr>
<tr>
<td>Species reactivity</td>
<td>Human (Not tested in other species).</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear, colorless solution in phosphate buffered saline, pH 7.2, containing 40% glycerol, and 0.02% sodium azide.</td>
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<tr>
<td>Storage</td>
<td>For continuous use, store at 2-8°C for one-two days. For extended storage, store in -20°C freezer. Working dilution samples should be discarded if not used within 12 hours.</td>
</tr>
<tr>
<td>Handling</td>
<td>The antibody solution should be gently mixed before use.</td>
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<tr>
<td>Shipping</td>
<td>Shipped at ambient temperature.</td>
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