Lipids and Inflammation in Atherogenesis

Legend

ASC: Apoptosis speck protein + CARD
GAG: G glycosaminoglycan
GPCR: G protein-coupled receptor
LPA: Lyso phosphatidic acid
LPC: Lyso phosphatidylcoline
Lp-PLA₂: Lipoprotein-associated phospholipase A₂
NLRP3: Also called CIAS1/NALP3
ox: Oxidized

Discovered more at abcam.com/cardio
### Cardiovascular products from Abcam

<table>
<thead>
<tr>
<th>Product name</th>
<th>Clonality</th>
<th>Applications</th>
<th>Host</th>
<th>Cross Reactivity</th>
<th>Product code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABCG1 antibody (EP13869)</td>
<td>M</td>
<td>IHC, ICC-P, WB</td>
<td>Rb, Hu, Ms, Rat, Cow</td>
<td>ab52917</td>
<td></td>
</tr>
<tr>
<td>ABCG5 antibody</td>
<td>P</td>
<td>ICC, IF, WB</td>
<td>Rb, Hu</td>
<td>ab69713</td>
<td></td>
</tr>
<tr>
<td>Apolipoprotein E antibody</td>
<td>P</td>
<td>WB</td>
<td>Rb</td>
<td>ab71695</td>
<td></td>
</tr>
<tr>
<td>Apolipoprotein C1 antibody</td>
<td>P</td>
<td>ICC, IF, WB</td>
<td>Rb</td>
<td>ab76482</td>
<td></td>
</tr>
<tr>
<td>Apolipoprotein M antibody</td>
<td>P</td>
<td>ICC, IF, WB</td>
<td>Rb</td>
<td>ab53117</td>
<td></td>
</tr>
<tr>
<td>CCR5 antibody</td>
<td>P</td>
<td>Flow Cyt, ICC-P, IF, ICC-F, IHC-P, IF, P, IP, WB</td>
<td>Rb, Hu, Ms, Rat</td>
<td>ab57687</td>
<td></td>
</tr>
<tr>
<td>CCR5 antibody</td>
<td>P</td>
<td>ICC, IF, WB</td>
<td>Rb, Hu</td>
<td>ab57689</td>
<td></td>
</tr>
<tr>
<td>CDS1 antibody</td>
<td>P</td>
<td>Flow Cyt, ICC-P, IF, IF, IF, P, P, WB</td>
<td>Rb, Hu, Ms, Rat</td>
<td>ab24587</td>
<td></td>
</tr>
<tr>
<td>CD69 antibody</td>
<td>P</td>
<td>Flow Cyt, ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Rb, Hu, Ms</td>
<td>ab580626</td>
<td></td>
</tr>
<tr>
<td>TLR4 antibody</td>
<td>M</td>
<td>Flow Cyt, ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Ms, Hu</td>
<td>ab57858</td>
<td></td>
</tr>
<tr>
<td>TLR2 antibody</td>
<td>M</td>
<td>Flow Cyt, ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Ms, Hu</td>
<td>ab57858</td>
<td></td>
</tr>
<tr>
<td>SREBP2 antibody</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Ms, Hu, Rat</td>
<td>ab122362</td>
<td></td>
</tr>
<tr>
<td>Scavenging Receptor SR-BI antibody (ab24603)</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, IF, P, P, WB</td>
<td>Ms, Hu, Rat</td>
<td>ab385469</td>
<td></td>
</tr>
<tr>
<td>Phospholipase A2-antibody</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Ms</td>
<td>ab73408</td>
<td></td>
</tr>
<tr>
<td>LCAT antibody</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Rb</td>
<td>ab64468</td>
<td></td>
</tr>
<tr>
<td>LDL (Copper oxidized) antibody</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Rb</td>
<td>ab141616</td>
<td></td>
</tr>
<tr>
<td>LDL (MDA oxidized) antibody (K56)</td>
<td>M</td>
<td>Flow Cyt, ICC-P, IF, IF, IF, P, P, WB</td>
<td>Ms</td>
<td>ab53976</td>
<td></td>
</tr>
<tr>
<td>LDL receptor antibody (EP5556Y)</td>
<td>M</td>
<td>Flow Cyt, ICC, IF, IF, IF, P, P, WB</td>
<td>Rb, Hu, Ms, Rat</td>
<td>ab53818</td>
<td></td>
</tr>
<tr>
<td>APOE antibody</td>
<td>P</td>
<td>Flow Cyt, ICC, IF, IF, IF, P, P, WB</td>
<td>Rb, Hu, Ms, Rat</td>
<td>ab60400</td>
<td></td>
</tr>
<tr>
<td>PPAR alpha antibody</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Rb</td>
<td>ab77745</td>
<td></td>
</tr>
<tr>
<td>PPAR delta antibody</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Rb</td>
<td>ab68770</td>
<td></td>
</tr>
<tr>
<td>PPAR gamma antibody</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Rb, Hu, Ms, Rat, Cow, Dog, Ham, Pig</td>
<td>ab53849</td>
<td></td>
</tr>
<tr>
<td>Scavenging Receptor SR-BI antibody</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Rb, Hu, Ms, Rat, Cow, Dog, Ham, Pig</td>
<td>ab53849</td>
<td></td>
</tr>
<tr>
<td>SRISEP1 antibody</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Rb</td>
<td>ab24587</td>
<td></td>
</tr>
<tr>
<td>TLR2 antibody</td>
<td>P</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Rb</td>
<td>ab24587</td>
<td></td>
</tr>
<tr>
<td>TLR4 antibody</td>
<td>P</td>
<td>Flow Cyt, ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Ms, Hu</td>
<td>ab25048</td>
<td></td>
</tr>
<tr>
<td>TLR4 antibody [TLR4.127] (FITC)</td>
<td>M</td>
<td>Flow Cyt, ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Ms</td>
<td>ab72162</td>
<td></td>
</tr>
<tr>
<td>VCAM1 antibody [324]</td>
<td>M</td>
<td>ICC, IF, IF, IF, IF, P, P, WB</td>
<td>Ms, Hu, Rat</td>
<td>ab78717</td>
<td></td>
</tr>
<tr>
<td>Cholesterol/Ethanol Ester Quantiﬁcation Kit</td>
<td></td>
<td>100 tests</td>
<td></td>
<td></td>
<td>ab53539</td>
</tr>
<tr>
<td>Free Fatty Acid Quantiﬁcation Kit</td>
<td></td>
<td>100 tests</td>
<td></td>
<td></td>
<td>ab53541</td>
</tr>
<tr>
<td>LPL beta Human ELISA Kit</td>
<td></td>
<td>96 tests</td>
<td></td>
<td></td>
<td>ab108864</td>
</tr>
<tr>
<td>HDL and LDL (HDL) Cholesterol Assay Kit</td>
<td></td>
<td>100 tests</td>
<td></td>
<td></td>
<td>ab65339</td>
</tr>
<tr>
<td>Lipoprotein A Human ELISA Kit</td>
<td></td>
<td>96 tests</td>
<td></td>
<td></td>
<td>ab108878</td>
</tr>
<tr>
<td>MetaPath™ Fatty Acid Oscillation 4-plex Dipstick Array</td>
<td></td>
<td>30 tests</td>
<td></td>
<td>ab108860</td>
<td></td>
</tr>
<tr>
<td>PCTP Inhibitor Drug Screening Kit</td>
<td></td>
<td>100 tests</td>
<td></td>
<td></td>
<td>ab65387</td>
</tr>
<tr>
<td>RANTES Mouse ELISA Kit</td>
<td></td>
<td>96 tests</td>
<td></td>
<td></td>
<td>ab107739</td>
</tr>
<tr>
<td>TgTyrGlycine Quantiﬁcation Kit</td>
<td></td>
<td>100 tests</td>
<td></td>
<td></td>
<td>ab53536</td>
</tr>
<tr>
<td>sCAM1 Human ELISA Kit</td>
<td></td>
<td>96 tests</td>
<td></td>
<td></td>
<td>ab60762</td>
</tr>
<tr>
<td>VAT1 Human ELISA Kit</td>
<td></td>
<td>96 tests</td>
<td></td>
<td></td>
<td>ab10661</td>
</tr>
</tbody>
</table>

### Kits and Assays

#### Featured antibodies

**ABCA1 antibody [AB.H10] (ab18180)**

<table>
<thead>
<tr>
<th>Clonality</th>
<th>Applications</th>
<th>Host</th>
<th>Species cross reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>ELISA, Flow Cyt, ICC/P, ICC-P, IHC-P, WB</td>
<td>Hu, Ms, Rat, Cow</td>
<td></td>
</tr>
</tbody>
</table>

**Apolipoprotein CII antibody (ab84290)**

<table>
<thead>
<tr>
<th>Clonality</th>
<th>Applications</th>
<th>Host</th>
<th>Species cross reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>ICC/P, IHC/P, IHC-P, IHC-FI, IHC-P, WB</td>
<td>Hu, Ms</td>
<td></td>
</tr>
</tbody>
</table>

**CD31 antibody (ab28364)**

<table>
<thead>
<tr>
<th>Clonality</th>
<th>Applications</th>
<th>Host</th>
<th>Species cross reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>ICC/P, IHC/P, IHC-FI, IHC-FI, IHC-P, WB</td>
<td>Hu, Ms, Rat</td>
<td></td>
</tr>
</tbody>
</table>

**CD36 antibody (ab78054)**

<table>
<thead>
<tr>
<th>Clonality</th>
<th>Applications</th>
<th>Host</th>
<th>Species cross reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>ICC, WB, ELISA, IHC-P</td>
<td>Ms, Hu, Rat</td>
<td></td>
</tr>
</tbody>
</table>

**EDG7 antibody (ab93905)**

<table>
<thead>
<tr>
<th>Clonality</th>
<th>Applications</th>
<th>Host</th>
<th>Species cross reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>IHC-P</td>
<td>Hu</td>
<td></td>
</tr>
</tbody>
</table>

**Scavenging Receptor SR-BI antibody (ab24603)**

<table>
<thead>
<tr>
<th>Clonality</th>
<th>Applications</th>
<th>Host</th>
<th>Species cross reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>ICC/P, IHC-P, IHC-FI, IHC-FI, IHC-P, WB</td>
<td>Hu, Ms, Rat, Cow</td>
<td></td>
</tr>
</tbody>
</table>