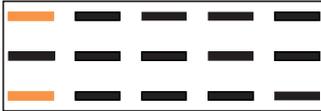


Avanti Snoopers™

CHARACTERIZE PROTEIN-LIPID INTERACTION

Snoopers™ consist of various lipid-subtypes spotted individually on a solid support. Snoopers™ provide a protein-lipid interaction profile to identify cell signaling events, characterize lipid-binding antibodies, and identify novel lipid-interacting proteins of potential therapeutic value. With Snoopers™, lipid-protein interactions may be probed using standard chemiluminescent detection methods in order to better understand the molecular mechanism of interactions between cellular components.

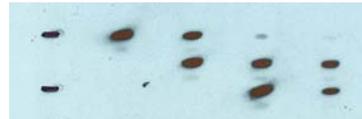
INOSITOL SNOOPERS™



| | | | | |
|---------|----------------|----------------|------------------|-----------------|
| Ref. | 18:1 PI(3,5)P2 | 18:1 PI(4,5)P2 | 18:1 PI(3,4,5)P3 | DMPC |
| 16:0 PI | 18:1 PI | 18:1 PI(3)P | 18:1 PI(4)P | 18:1 PI(3,4)P2 |
| Ref. | Liver PI | Soy PI | Brain PI(4)P | Brain PI(4,5)P2 |

Avanti Inositol Snoopers™ containing 1 µg of lipid per spot were probed with the WR304 antibody, which recognizes PIP and PIP₂.

Chemiluminescent Detection

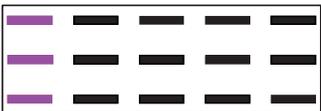


1 µg Lipid per spot

Avanti Number
330500

Primary Antibody:
WR304 - 1:1,000 (1,200 ng/ml)
Secondary Antibody:
Anti-Mouse HRP -
1:10,000 (35 ng/ml)

OXIDIZED PHOSPHOLIPID SNOOPERS™



| | | | | |
|------|----------|---------|--------|------|
| Ref. | Liver PI | 16:0 PI | oxPAPS | DMPS |
| Ref. | oxPAPE | DMPE | oxPAPG | DMPG |
| Ref. | oxPAPA | DMPA | oxPAPC | DMPC |

Avanti Ox-phospholipid Snoopers™ containing 0.5 µg or 1 µg of lipid per spot were probed with Avanti's E06 antibody, which recognizes the phosphocholine headgroup of oxidized phospholipid that is present in oxidized LDL. E06 does not bind to unoxidized PC or normal LDL.

Chemiluminescent Detection



0.5 µg Lipid per spot



1 µg Lipid per spot

Avanti Number
330501

Primary Antibody:
E06 - 1:5,000 (200 ng/ml)
Secondary Antibody:
Anti-Mouse HRP -
1:10,000 (35 ng/ml)

CUSTOM SNOOPERS™ Please contact a Product Specialist to discuss your needs for Custom Lipid Snoopers™



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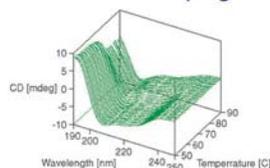
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