ABCG1 Rabbit mAb

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<th>Catalog No.</th>
<th>A17907</th>
<th>Category</th>
<th>Monoclonal Antibodies</th>
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<td>Applications</td>
<td>WB</td>
<td>Observed MW</td>
<td>110kDa</td>
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<td>Cross-reactivity</td>
<td>Human, Mouse, Rat</td>
<td>Calculated MW</td>
<td>110kDa</td>
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**Immunogen Information**
- **Immunogen**: A synthesized peptide derived from human ABCG1
- **Gene ID**: 9619
- **Swiss prot**: P45844
- **Synonyms**: ABC8; WHITE1; ABCG1

**Product Information**
- **Source**: Rabbit
- **Isotype**: IgG
- **Purification method**: Affinity purification
- **Storage**: Store at -20°C. Avoid freeze / thaw cycles.
  Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Background**
The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the White subfamily. It is involved in macrophage cholesterol and phospholipids transport, and may regulate cellular lipid homeostasis in other cell types. Six alternative splice variants have been identified. [provided by RefSeq, Jul 2008]

**Recommended Dilutions**
- **WB**: 1:500 - 1:2000

Western blot analysis of extracts of various cell lines, using ABCG1 antibody (A17907) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.