**Description:**
Monoclonal Antibody against Apolipoprotein-D (ApoD)  
(Formerly Signet Catalog Nos: 9780-02, 9780-05, 9780-10)

**Also Known As:**
apolipoprotein D; apo-D

**Intended Use:**
**Research Use Only (RUO)**
This product is sold for laboratory research use only, not for human or in-vivo use.

**Form:**
Tissue Culture Supernatant (in PBS; no preservatives or carrier proteins)

**Clone:**
8CD6

**Host:**
Mouse

**IsoType:**
IgG1

**[Ab]:**
1 mg/mL

**Specificity:**
The anti-APO-D antibody, clone 8CD6, recognizes Apolipoprotein-D, a 24 kDa progesterone binding glycoprotein.

This antibody was generated against APO-D, a progesterone binding glycoprotein of 24,000 dalton monomer molecular size.

**Uses:**
This antibody is effective in immunoblotting, immunohistochemistry (IHC) and ELISA.

**Suggested Working Dilution:**
The optimal working dilution should be determined for each specific assay condition.
- Western: 1:1,000-1:10,000
- IHC: 1:200 for biotin based detection systems such as USA Ultrastreptavidin Detection (SIG-32250)
  Tissue Sections: Formalin-fixed, paraffin-embedded tissues
  Pretreatment: For optimal staining, the sections should be pretreated with an antigen unmasking solution such as Retrieve-All 1 (SIG-31910) or Sodium Citrate (SIG-31932)
  Incubation: 20-60 min at room temperature

**Storage:**
Store at -20°C or below. Upon initial thawing, apportion into working aliquots and store at -20°C or below. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody. Do not store in frost-free freezers.

**References:**


**Warranty/Conditions:**
Covance products may not be resold or modified for resale without prior written approval. All sales are subject to Covance Antibody Products Terms and Conditions of Sale.

**Datasheet Revision Date:**
11/6/2011

**Related Products:**
- Sodium Citrate H.I.E.R., 1x (SIGNET) Catalog Number SIG-31932
- Retrieve-All Antigen Unmasking System 1: Universal, 100x (SIGNET) Catalog Number SIG-31910
- Ultrastreptavidin (USA) Horseradish peroxidase (HRP) 50 Test, Multi-Species, DAB Detection Kit (SIGNET) Catalog Number SIG-32250