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**Antibody to Cytochrome P450 (26A1)**  
MOUSE MONOCLONAL

**Catalog Number:** AB-27  
**Quantity:** 1 milliliter  
**Format:** Hybridoma supernatant  
**Host:** Mouse  
**Isotype:** IgG2b, k  
**Clone:** F27 P6 A1  
**Immunogen:** ovalbumin-conjugated synthetic peptide PARFTHFHGE (c-terminal sequence)

**Specificity and Preparation:**

This antibody targets CYP26A1 in homo sapiens. The target antigen is cytochrome P450 26 (EC 1.14.-.-) (Retinoic acid-metabolizing cytochrome) (P450 retinoic acid-inactivating 1) (P450RAI) (hP450RAI) (Retinoic acid 4-hydroxylase). This antibody may display some cross reactivity with P450 CYP3A43 in western blotting. The immunogen was ovalbumin-conjugated synthetic peptide PARFTHFHGE (c-terminal sequence) in BALB-c mouse.

**Usage and Storage:**

Applications include ELISA (undiluted, titer 1/1000), immunoblotting (western undiluted), and immunohistochemistry (1/5 dilution, antigen retrieval: microwave 20 min @ 800W in 10 mM citrate buffer, pH 6.0). Working dilutions must be determined by end user. Store the antibody at 4°C for one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

**References:**

1. Kumarakulasingham M, Rooney PH, Dundas SR, Telfer C, Melvin WT, Curran S, Murray GI (2005) Cytochrome p450 profile of colorectal cancer: identification of markers of prognosis. Clin Cancer Res 11 (10):3758-3765.