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Antibody to Cytochrome P450 (3A5)
MOUSE MONOCLONAL

Catalog Number: AB-23
Quantity: 1 milliliter
Format: Hybridoma supernatant
Host: Mouse
Isotype: IgG1, k
Clone: F18 P3 B6
Immunogen: ovalbumin-conjugated synthetic peptide DSRDGTLSGE (c-terminal sequence)

Specificity and Preparation:

This antibody targets CYP3A5 in homo sapiens. The target antigen is cytochrome P450 3A5 (EC 1.14.14.1) (niphedipine oxidase), (CYP3A5) (P450-PCN3) (HLp2). The immunogen was ovalbumin-conjugated synthetic peptide DSRDGTLSGE (c-terminal sequence) in BALB-c mouse.

Usage and Storage:

Applications include ELISA (undiluted, titer 1/16), immunoblotting (western 1/10 dilution), 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.