

Anti-Cytochrome P450 2B6 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Dog,Rabbit)
Molecular Weight:	Theoretical: 56 kDa. Actual: 55 kDa.
Purification:	Protein A purified

Applications

1. Blank control:U937.
Primary Antibody (green line): Rabbit Anti-Cytochrome P450 2B6 antibody (TMAB-04926)
Dilution: 2 µg /10⁶ cells;
Isotype Control Antibody (orange line): Rabbit IgG.
Secondary Antibody : Goat anti-rabbit IgG-PE
Dilution: 1 µg /test.

Protocol

Verified Activity: The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

2. 25 ug total protein per lane of various lysates (see on figure) probed with Cytochrome P450 2B6 polyclonal antibody, unconjugated (TMAB-04926) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.

Application: WB,FCM

Recommended WB: 1:500-2000; FCM: 2µg/Test

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Cytochrome P450 2B6
Antigen Species:	Human
Gene ID:	1555
Uniprot ID:	P20813

Research Background

Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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