

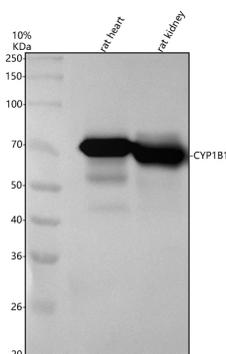
Basic Information

Product Name	Anti-CYP1B1 Antibody (Clone#19C01)
Gene Name	CYP1B1
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, FCM
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human CYP1B1
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	61 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC):1:50-200 Flow Cytometry (FCM): 1:100

Storage

12 months from date of receipt, -20°C as supplied.

Selected Validation Data



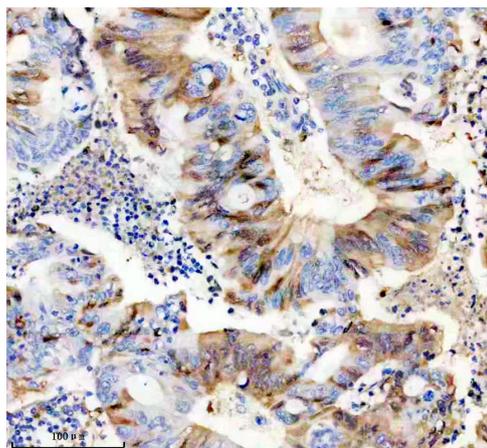
Western blot analysis of anti-CYP1B1 antibody (M00515). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: rat heart tissue lysates,

Lane 2: rat kidney tissue lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-CYP1B1 antigen affinity purified monoclonal antibody (M00515) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CYP1B1 at approximately 70 kDa. The expected band size for CYP1B1 is at 61 kDa.



IHC analysis of CYP1B1 using anti-CYP1B1 antibody (M00515).

CYP1B1 was detected in a paraffin-embedded section of human colon cancer tissue. The tissue section was incubated with rabbit anti-CYP1B1 Antibody (M00515) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.