

Mouse Anti-Human Hepatocyte Clone EP-1 mAb

Catalog No. MON2058 **Quantity:** 100 µg

Description: Monoclonal antibody EP-1 stains human liver canaliculi and a subset of hepatocellular carcinomas. In frozen sections, it stains liver canaliculi strongly and may be used as a marker of this hepatic substructure. Cell preparations of hepatocellular carcinoma biopsies and cell lines are found to bind EP-1 on the cell surface. Monoclonal antibody EP-1 stains liver canaliculi in normal liver sections and is positive on the cell surface of human liver carcinomas.

Monoclonal antibodies to liver cell processes are useful in the identification of hepatic carcinomas and normal organ structures. Two monoclonal antibodies to different liver substructures are offered which bind to subsets of hepatic carcinomas.

Concentration: 100 µg/ml

Host: Mouse

Isotype: IgG2b

Clone: EP-1

Formulation: 100 µg purified material in PBS with 0.05% sodium azide. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Applications: For use with paraformaldehyde/acetone fixed cell preparations or frozen tissues. Liver may be used as a positive control tissue. Monoclonal antibody EP-1 strongly stains liver canaliculi and hepatic carcinoma cells using frozen sections or paraformaldehyde fixed cell preparations.

Storage & Stability: Store undiluted antibody at 2-8°C until expiration date.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.