

## Product datasheet for **AM32295PU-N**

### SEPSECS Mouse Monoclonal Antibody [Clone ID: EP-2]

#### Product data:

Product Type: Primary Antibodies

Clone Name: EP-2

Applications: IHC

Recommended Dilution: **Immunohistochemistry on Frozen Sections.**

**Immunohistochemistry on Paraffin Sections.**

*Recommendation for Use:* For use with paraformaldehyde/acetone fixed cell preparations or frozen tissues. Liver may be used as a positive control tissue. Monoclonal antibody EP-2 stains liver hepatocytes in frozen human liver sections and is positive on the cell surface of human liver carcinomas.

Monoclonal antibody *EP-2* stains liver parenchymal cells and hepatic carcinoma cells using frozen sections or paraformaldehyde fixed cell preparations.

Reactivity: Human

Host: Mouse

Isotype: IgG2b

Clonality: Monoclonal

Specificity: Monoclonal antibody *EP-2* stains Human hepatocytes and the majority of Human hepatocarcinomas.

In Frozen sections, it stains the cytoplasm of hepatic cells and may be used as a marker of the liver.

Cell preparations of hepatocellular carcinoma biopsies or cell lines are found to bind *EP-2* on the cell surface.

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.

Formulation: PBS

State: Purified

State: Liquid purified Ig fraction

Preservative: 0.05% Sodium Azide

Concentration: lot specific

Conjugation: Unconjugated



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|                       |  |
|-----------------------|--|
| <b>Storage:</b>       | Store the antibody undiluted at 2-8°C.   |
| <b>Stability:</b>     | Shelf life: one year from despatch.  |
| <b>Gene Name:</b>     | Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase  |
| <b>Database Link:</b> | <a href="#">Entrez Gene 51091 Human Q9HD40</a>   |
| <b>Synonyms:</b>      | Selenocysteine synthase, Sec synthase, Liver-pancreas antigen, Soluble liver antigen, SLA/LP autoantigen, SLA-p35, TRNP48, SEPSECS |