

### 36-3136: Anti-Serum Amyloid A Monoclonal Antibody(Clone: SAA/326)

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Monoclonal  |
| <b>Clone Name :</b>            | SAA/326   |
| <b>Application :</b>           | IHC   |
| <b>Reactivity :</b>            | Human   |
| <b>Gene :</b>                  | SAA   |
| <b>Gene ID :</b>               | 6288; 6289  |
| <b>Uniprot ID :</b>            | P02735; P0DJ18  |
| <b>Alternative Name :</b>      | Amyloid fibril protein AA; Amyloid fibrils; PIG4; Serum amyloid A protein (SAA); Serum amyloid A1 isoform 1 (SAA1); Serum amyloid A1 isoform 2 (SAA2); Tumor protein p53 inducible protein 4 (TP53I4) |
| <b>Isotype :</b>               | Mouse IgG2a, kappa  |
| <b>Immunogen Information :</b> | Recombinant full-length human serum amyloid A (SAA) protein   |

#### Description

This antibody reacts with natural and recombinant human Serum Amyloid A (SAA) and does not cross-react with other human cytokines or growth factors. Human SAA proteins are a group of apo-lipoproteins found predominantly in the high-density lipoprotein (HDL) fraction of plasma. SAA is a major acute-phase protein and precursor to amyloid A protein, which is the major constituent of the fibril deposits of reactive amyloidosis. SAA is secreted in large amounts by the liver during microbial infections or inflammatory diseases.

#### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg / 100 µg  |
| <b>Content :</b>           | 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |
| <b>Storage condition :</b> | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.                               |

#### Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0 for 45 min at 95°C followed by cooling at RT for 20 minutes),

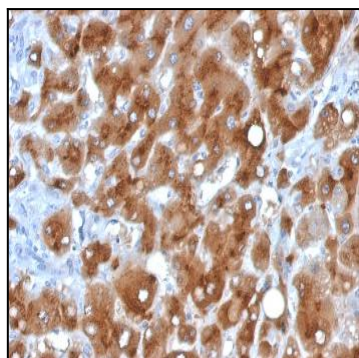


Fig. 1: Formalin-fixed, paraffin-embedded human Hepatocellular Carcinoma stained with Serum Amyloid A Mouse Monoclonal Antibody (SAA/326).

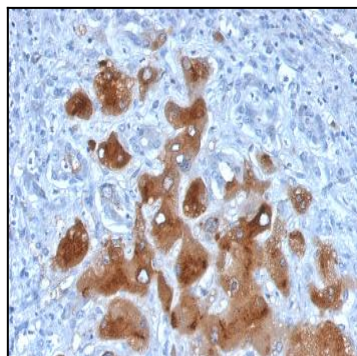


Fig. 2: Formalin-fixed, paraffin-embedded human Hepatocellular Carcinoma stained with Serum Amyloid A Mouse Monoclonal Antibody (SAA/326).

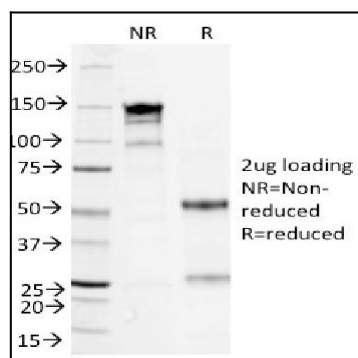


Fig. 3: SDS-PAGE Analysis Purified Serum Amyloid A Mouse Monoclonal Antibody (SAA/326). Confirmation of Purity and Integrity of Antibody.