

Stabilin-1 Mouse Monoclonal Antibody

Catalog	Unit
TBS10250-100	100 µg

Product Details

Description: Stabilin-1 is a multifunctional scavenger receptor encoded by the STAB1 gene, primarily expressed on sinusoidal endothelial cells in the liver, spleen, and lymph nodes, as well as on alternatively activated (M2) macrophages. In the context of cancer, Stabilin-1 is expressed on tumor-associated macrophages (TAMs) and facilitates tumor growth by promoting the silent clearance of extracellular tumor-inhibiting factors like SPARC, thereby modulating the tumor microenvironment.

Alternative names: FEEL-1; CLEVER-1

Molecular Weight: Stabilin-1 isoform1/2: 275/87 kDa

Host: Mouse

Isotype: Mouse IgG2a kappa

Concentration: 100 µg/ml

Purity: 95%

Formulation: 100 µg IgG2a kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Clonality: Monoclonal

Storage: Stable at 4°C for three months. Store at -20°C for long-term storage.

Applications:

Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500), immunohistochemistry (including paraffin-embedded sections) (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

For research use only.