

# **Human SVEP1 Antibody**

Monoclonal Mouse IgG<sub>2A</sub> Clone # 987420 Catalog Number: MAB97741

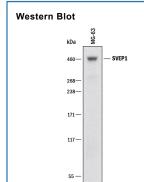
DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human SVEP1 in direct Western blots.
Source	Monoclonal Mouse IgG <sub>2A</sub> Clone # 987420
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Synthetic peptide containing human SVEP1 Peptide Accession # Q4LDE5
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

### **APPLICATIONS**

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	2 μg/mL	See Below

#### Data



Detection of Human SVEP1 by Western Blot. Western blot shows lysates of MG-63 human osteosarcoma cell line. PVDF membrane was probed with 2 µg/mL of Mouse Anti-Human SVEP1 Monoclonal Antibody (Catalog # MAB97741) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). A specific band was detected for SVEP1 at approximately 460 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 3.

P	R	EΡ	AF	ΑS	TI	ΟI	N A	41	ID	SI	О	R.	A(	GΕ	8

Reconstitution Reconstitute at 0.5 mg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

\*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

### Stability & Storage

### Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

## BACKGROUND

Sushi, von Willebrand factor type A, EGF and pentraxin domain-containing protein 1 (also known as Polydom), is a 3571 aminoacids (aa), 390KDa extracellular matrix protein encoded by the SVEP1 gene. SVEP1 has been identified as a multidomain cell adhesion protein that is a ligand for integrin α9β1. SVEP1 has been proposed to play a crucial role in epidermis differentiation and lymphatic remodeling.

