

MVP

Mouse Anti-Human MVP Clone 1011 mAb

Catalog No. MON9043 **Quantity:** 100 µg

Alternate Names: LRP, VAULT1

Description: The mAb 1011 is specific for a 104-kD protein. This mAb is one of four mAb which recognize different epitopes of the protein. This 104-kD protein is the major vault protein and has shown to interact with the estrogen receptor. The protein is part of a very large vault ribonucleoprotein complex present in all eukaryotic cells and its structure and protein composition is highly conserved. Because of the size, shape, and protein and RNA composition of this complex the particles are different from other ribonucleoproteins. Source: A BALB/c mouse was immunized with 5 µg of affinity purified nuclear extract proteins. Spleen cells were fused with equal number of Sp0Ag-14 myeloma cells. Cells whose supernatant showed a positive signal for a 104-kD band were selected and cloned by limited dilution.

Concentration: 100 µg/ml

Gene ID: 9961

Host: Mouse

Isotype: IgG1

Clone: 1011

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: The mAb 1011 can be applied for the detection of the major vault protein in a large number of eukaryotic cells including the MCF-7 and HeLa tumor cell lines. The mAb are especially applicable to study the association of estrogen receptor with vaults and the study of the mechanism of action of estrogenic hormones.

frozen sections	paraffin sections	flow cytometry	ELISA	blocking	immuno precipitation	Western blotting
+						+

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

