

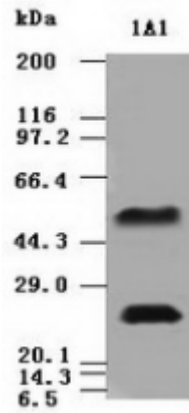


## PURIFIED MOUSE MONOCLONAL ANTIBODY AGAINST HIV1 P24 (CLONE 1A1)

<b>Catalog Number</b>	TA500037
<b>Product Name</b>	Purified Mouse Monoclonal Antibody against HIV1 p24 (clone 1A1)
<b>Amount</b>	100ul
<b>Immunogen</b>	Recombinant protein expressed in E.coli corresponding to amino acids 1-211 of HIV gag p24
<b>Concentration</b>	1mg/ml
<b>Reactivity</b>	Human
<b>Tested Application</b>	WB
<b>Formulation</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide
<b>Storage/Stability</b>	Shipped at 4 °C. Store at -20 °C upon delivery. Stable for at least 1 year from date of shipment.
<b>Purification</b>	Purified form mouse ascites fluids
<b>Background</b>	HIV1 performs highly complex orchestrated tasks during the assembly, budding, maturation and infection stages of the viral replication cycle. During viral assembly, the proteins form membrane associations and self-associations that ultimately result in budding of an immature virion from the infected cell. Gag precursors also function during viral assembly to selectively bind and package two plus strands of genomic RNA. Capsid protein p24 probably forms the conical core of the virus that encapsulates the genomic RNA-nucleocapsid complex.
<b>Safety</b>	This product contains sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides. Upon disposal of material, flush with a large volume of water to prevent azide accumulation.

**Note** This product is for laboratory research use only and is not intended for diagnostic use.

## Validation Data



HIV1 p24 antibody (Clone 1A1) at 1:100000 dilution + lysate from 293T cells transfected with HIV1 gag p24 expression vector.