

## Product datasheet for **TA388975**

### **gag Mouse Monoclonal Antibody [Clone ID: 2C2C12]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	2C2C12
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	WB: 1ug/mL. Anti-HIV-1 p24 antibody detects HIV-1 p24 protein by ELISA and WB. All other applications and species not yet tested.
<b>Reactivity:</b>	Virus
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Mouse monoclonal HIV-1 p24 antibody was raised against a recombinant full-length HIV-1 p24 protein.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Anti-HIV-1 p24 antibody is immunoaffinity chromatography purified IgG.
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	24 kDa
<b>Database Link:</b>	<a href="#">P04591</a>
<b>Background:</b>	HIV-1 p24 Monoclonal Antibody: The human immunodeficiency virus type 1 (HIV-1) particle consists of an envelope, a core, and the region between the two termed matrix (1). The HIV-1 Gag protein is a late structural protein that contains four proteins: matrix (p17), capsid (p24), nucleocapsid (p7) and the p6 protein (2). The p24 constitutes the major core component of the virus and shows high degree of sequence conservation among HIV isolates. The Gag p24 protein has been used as an integral part of multicomponent HIV-1 vaccines (3).



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