



Anti-FIV TP gp41 Monoclonal antibody, Clone 6B2 (DCABY-064)

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

PRODUCT INFORMATION

Specificity	This antibody is specific for feline immunodeficiency virus transmembrane protein gp41. It does not cross react with feline leukemia virus, feline herpes virus type 1, feline coronavirus or feline calicivirus.
Target	FIV TP gp41
Immunogen	Native, FIV extracts
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	FIV
Clone	6B2
Conjugate	Unconjugated
Applications	ELISA, Western Blot
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Format	Purified IgG - liquid
Size	200 µg
Buffer	Phosphate buffered saline
Preservative	None
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This

product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction

The lentivirus FIV, responsible for a progressive and debilitating immune deficiency syndrome in domestic cats, similar to that caused by the human Immunodeficiency Virus (HIV), is a complex retrovirus with a tightly-packed genome, containing the structural genes gag, env and pro-pol and the accessory genes vif, rev and ORF-A/2.

Keywords

Feline Immunodeficiency Virus; FIV; TP gp41
