

Monoclonal Antibody to Feline Leukaemia Virus (FeLV) gp 70

Catalog No.:	BM1116
Quantity:	0.2 mg
Concentration:	conc. lot specific
Host / Isotype:	Mouse / IgG2b
Clone:	C11D8
Immunogen:	Native, FeLV extracts.

Format: This antibody is supplied as liquid Ig fraction purified by immunoaffinity chromatography on Protein A, in PBS, pH 7.2 with 0.05% sodium azide as preservative. Dilute with PBS containing 1% BSA (or use proteinaceous buffer of choice).

Applications: ELISA: <0.5 µg/well (as a guide). Western Blot: 25 µg/ml (as a guide). Neutralisation. Immunohistochemistry on paraffin embedded sections. Effective with paraffin sections to detect FeLV envelope. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: Broadly reactive with gp70 from various FeLV isolates (>25). Also binds gp85 (env precursor) and gp70 breakdown products. Neutralises FeLV subgroups A, B and C equally. Recognises sequence MGPNL (aa 214-218) in the constant region of gp70. Analysis of purified FeLV under reducing conditions yields bands at approximately 85, 70, 45 (weak), 33 and 20 kD.

Storage: Aliquot and store at -20d?°C. Avoid repeated freezing and thawing. Shelf life: on