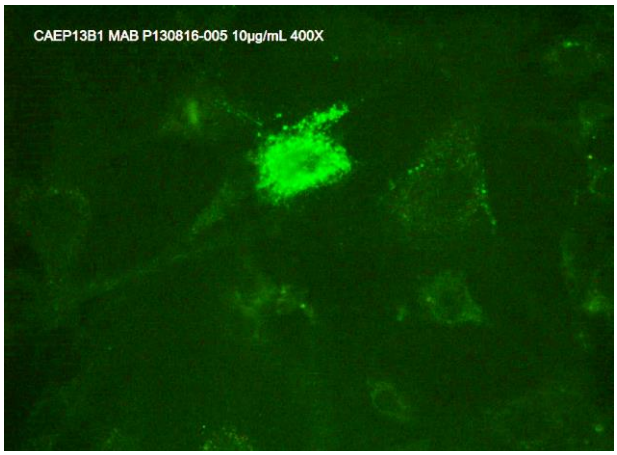
Veterinary Medical
Research & Development

CERTIFICATE OF ANALYSIS

CAEP13B1

Monoclonal Antibody

Catalog No.:	CAEP13B1
Lot:	P130816-005
Isotype:	IgG_1
Expiration:	1 year when stored at 2-7°C



Specificity:

Caprine Arthritis Encephalitis Virus (CAEV) MAb Ascites CAEV-63, CAEV-Co IgG1 Isotype.

Known Applications:

Immunoprecipitation and immunofluorescence.

Description:

This monoclonal antibody is produced as mouse ascites fluid, clarified by centrifugation, and filtered through a 0.2 µm filter. The antibody concentration is 1.0 mg/ml, in phosphate-buffered saline (PBS), stabilized with 4 mg/ml bovine serum albumin (BSA), and preserved with 0.09% sodium azide (NaN_3).

Quality Control Method:

Indirect FA using CAEV in house 12-well slide, isotype control IgG_1, and anti-murine IgG FITC affinity purified conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML). Mouse immunoglobulin IgG_1 kit.

Specific Reaction: 1-3+ fluorescence at 10 µg/ml and an endpoint titer less than 10 µg/ml. The isotype control was negative with no background. The RID test showed a concentration of 1.033 mg/ml.

Other Comments: NA

Pattern Of Fluorescence:

Dusty and particulate cytoplasmic fluorescence of multinucleated and single cells.

Storage:

This monoclonal antibody is provided in liquid from and should be stored at 2-7°C. DO NOT FREEZE!

References:

McGuire, T.C., et al. Antigenic and structural variation of the p28 core polypeptide of goat and sheep retroviruses. J. Gen. Virol. 68(8):2259-2263 (Aug. 1987).

Cell Line	Ig Isotype	p28 Capsid Protein Reactivity				
		CAEV-63	CAEV-Co	VV*	OPPV*	Control
CAEP5A1	IgG_1	+	+	+	+	-
CAEP10A1	IgG_1	+	+	+	-	-
CAEP8B1	IgG_1	+	+	+	-	-
CAEP13B1	IgG_1	+	+	-	-	-
CAEP12A1	IgG_1	+	-	-	-	-

*VV = Visna Virus; OPPV = Ovine Progressive Pneumonia Virus.

FOR *IN VITRO* LABORATORY USE ONLY

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