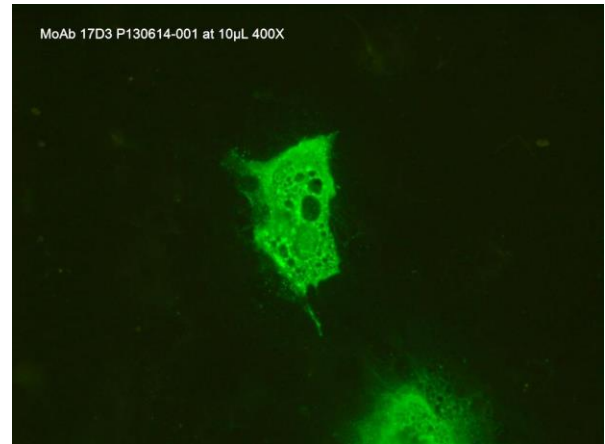


17D3

Monoclonal Antibody

Catalog No.:	17D3
Lot:	P130614-001
Isotype:	IgG1



Specificity:

Nucleocapsid (N) protein of Equine Arteritis Virus (EAV). Bucyrus strain.

Known Applications:

Indirect fluorescence assays (IFA), Western blot and competitive binding assays. **Note:** Equine arteritis virus causes symptoms such as fever, anorexia, oedema of the ventral body, nasal discharge, lacrimation, conjunctivitis and abortion of fetuses.

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 (NaN₃).

Quality Control Method:

Indirect FA using EAV slide (in house slide), Isotype control IgG1 and Anti-Murine IgG FITC AP conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML). Use mouse Immunoglobulin RID kit for IgG₁.

Specific Reaction: 2-4+ fluorescence at 10µg/ml with no background. The endpoint is less than 0.01µg/ml. RID results showed a concentration of 0.9 mg/ml.

Other Comments: NA

Pattern Of Fluorescence:

Brightly fluorescing individual cells, with diffuse nuclear and cytoplasmic fluorescence and some punctate cytoplasmic fluorescence.

Storage:

When the vial is stored at 2-7°C, it should be stable for one year.

References:

Deregt, D., *et al.* Monoclonal antibodies to equine arteritis virus proteins identify the G_L protein as a target for virus neutralization. *J. Gen. Virol.* 75(9):2439-2444 (Sept. 1994).