

CERTIFICATE OF ANALYSIS

F89/160.1.5

Monoclonal Antibody

Catalog No.:	F89/160.1.5
Lot:	P140305-002
Isotype:	IgG <sub>1</sub>
Expiration:	1 year when stored at 2-7°C

**Specificity:**

Prion Protein MAb Ascites IHFG IgG<sub>1</sub> Isotype.

**Known Applications:**

Detecting agents of TSEs in ruminant species. Techniques include immunoassays of formalin-fixed tissues, Western immunoblot, immunohistochemistry (except in cervid lymphoid tissue—use F99/97.6.1), ELISA.

**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<sub>3</sub>).

**Quality Control Method:**

F89/160.1.5 was evaluated by immunohistochemistry (IHC) of brain and lymph node from a scrapie-infected sheep, and lymph node from a sheep with no known exposure to scrapie using Bovine Spongiform Encephalopathy Antigen Test kit (catalog no. 298) and mouse Immunoglobulins IgG<sub>1</sub> kit.

**Specific Reaction:** There was no staining of the tissue from the sheep with no exposure to scrapie. Staining for the scrapie-infected sheep was 4+ on the brain tissue and 2-3+ on the lymph node tissue. The RID test results showed a concentration of 1.219 mg/ml.

**Other Comments:** NA

**Storage:**

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

## References:

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