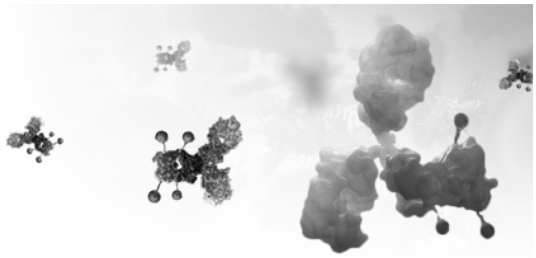

Mouse Anti-Rabies Virus monoclonal antibody (CABT-L956)

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

PRODUCT INFORMATION

Specificity	Reacts with ribonucleoprotein (RNP) of rabies virus.
Target	Ribonucleoprotein (RNP) of Rabies virus.
Immunogen	Purified Rabies Virus
Isotype	IgG
Source/Host	Mouse
Purification	> 90% pure (SDS-PAGE). Protein A purified.
Conjugate	Unconjugated
Applications	ELISA, IF, WB
Format	Liquid
Concentration	4.0 mg/ml
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	Store at 2-8°C.

BACKGROUND

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Introduction	The rabies virus is neurotropic virus that causes fatal disease in human and animals. Rabies transmission can occur through the saliva of animals. The rabies virus has a cylindrical morphology and is the type species of the Lyssavirus genus of the Rhabdoviridae family. These viruses are enveloped and have a single stranded RNA genome with negative-sense. The genetic information is packaged as a ribonucleoprotein complex in which RNA is tightly bound by the viral nucleoprotein. The RNA genome of the virus encodes five genes whose order is highly conserved. These genes code for nucleoprotein (N), phosphoprotein (P), matrix protein (M), glycoprotein (G) and the viral RNA polymerase (L). All transcription and replication events take place in the cytoplasm inside a specialized "virus factory", the Negri body (named after Adelchi Negri). These are 2–10 μm in diameter and are typical for a rabies infection and thus have been used as definite histological proof of such infection.
Keywords	Rabies Virus;RABV

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