

AM01026PU-N**Monoclonal Antibody to Brucella abortus - Purified**

Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	Brucella abortus causes Brucellosis, an infection that leads to spontaneous abortion, premature calving and infertility in cattle (and other domestic animals; goats, pigs, cattle, dogs, etc). Brucellosis is passed on to humans by drinking infected unpasteurised milk or from contact with discharges from cattle that abort their foetus. In humans, the disease is transmitted either through contaminated or untreated milk and its derivatives, or through direct contact with infected animals.
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	3531
Immunogen:	LPS of Brucella abortus.
Format:	State: Liquid purified Ig fraction. Purification: Affinity Chromatography on Protein A. Buffer System: 0.01M PBS, pH 7.2 containing 0.09% Sodium Azide as preservative.
Applications:	ELISA: 1/20-1/200. AM01026PU-N may be used in combination with Mouse anti-Brucella abortus AM01027PU-N in ELISA assay. Western Blot: 1/10-1/50. This antibody results in bands ranging from 10-30 kDa. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	AM01026PU-N detects the lipopolysaccharide (LPS) of Brucella abortus. Species: Bacterial. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Golding B, Scott DE, Scharf O, Huang LY, Zaitseva M, Lapham C, et al. Immunity and protection against Brucella abortus. Microbes Infect. 2001 Jan;3(1):43-8. PubMed PMID: 11226853.