

Product Information	
Product	Anti FMDV NSP 3ABC monoclonal antibody
Product Code	CAB102 (old code: ZAB207)
Package Size	0.5mg, 1mg
Specificity	100% to NSP 3ABC, no cross reaction with other swine disease virus.
Clone type	Mouse monoclonal
Clone #	1G9-1A8
Purification	By protein G
Antigen	Recombinant NSP 3ABC
Form	Lyophilized powder or liquid.
Conjugate	Unconjugated
Storage	-20°C for long term storage and normal temperature for shipment.
Product Description	
Description	Foot-and-mouth disease (FMD) is a serious and highly contagious animal disease that affects all cloven-hoofed animals including cattle, sheep, goats, camelids, deer and pigs. Cloven-hoofed animals are those with divided hooves. It does not affect horses or zebras. This anti Foot-and-mouth disease virus, FMDV NSP 3ABC monoclonal antibody is a mouse monoclonal antibody produced by ascites and purified by affinity and ion-exchange, which can be used in ELISA and lateral flow assay for the detection of Foot-and-mouth disease virus. This antibody can also be used in the evaluation research of some 3ABC depleted vaccine to identify wild virus infection.
Accession #	/
Gene Symbol	/
Uniprot ID	/
Application Notes	The monoclonal antibody is only for research purpose. This product has been validated by ELISA, lateral flow immunoassay. Please read the data sheet carefully before experiment. Dilutions shall be determined by customer in their own laboratory.
References	
<ol style="list-style-type: none"> <li>1. Bronsvort BM, Sørensen KJ, Anderson J, Corteyn A, Tanya VN, Kitching RP, Morgan KL. Comparison of two 3ABC enzyme-linked immunosorbent assays for diagnosis of multiple-serotype foot-and-mouth disease in a cattle population in an area of endemicity. J Clin Microbiol. 2004 May;42(5):2108-14. doi: 10.1128/JCM.42.5.2108-2114.2004. PMID: 15131177; PMCID: PMC404611.</li> <li>2. Development and validation of a 3ABC antibody ELISA in Australia for foot and mouth disease, The Pirbright Institute, <a href="http://www.pirbrightinnovations.com/publications/development-and-validation-3abc-antibody-elisa-australia-foot-and-mouth-disease">http://www.pirbrightinnovations.com/publications/development-and-validation-3abc-antibody-elisa-australia-foot-and-mouth-disease</a></li> <li>3. The Ringbio FMDV NSP 3ABC Antibody ELISA Kit, <a href="https://www.ringbio.com/products/elisa/fmd-nsp-3abc-antibody-elisa-kit">https://www.ringbio.com/products/elisa/fmd-nsp-3abc-antibody-elisa-kit</a></li> </ol>	