

ARG11065 anti-IBDV / Gumboro disease virus VP3 antibody [IBDV9]

Package: 200 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [IBDV9] recognizes IBDV / Gumboro disease virus VP3
Tested Reactivity	Virus
Tested Application	I-ELISA, ICC/IF, WB, sELISA
Specificity	Specific to VP3 protein of IBD virus. The antibody do not interact with other avian viruses.
Host	Mouse
Clonality	Monoclonal
Clone	IBDV9
Isotype	IgG2a
Target Name	IBDV / Gumboro disease virus VP3
Species	Virus
Immunogen	Purified very virulent IBD virus (field strain) derived from infected chicken bursas.
Conjugation	Un-conjugated
Alternate Names	Infectious bursal disease virus; Gumboro disease virus

Application Instructions

Application table	Application	Dilution
	I-ELISA	Assay-dependent
	ICC/IF	Assay-dependent
	WB	Assay-dependent
	sELISA	Assay-dependent
Application Note	sELISA: Recommended antibody pairs in sandwich immunoassay (capture - detection): ARG11065 - ARG11068 . Response strength of different IBDV strains: MB: -, S 706: +++, GM 97: -, D 78: -, LC75: +++. (+++ very high response, ++ high response; + low response; - no interaction)	
	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4) and 0.09% Sodium azide.
Preservative	0.09% Sodium azide

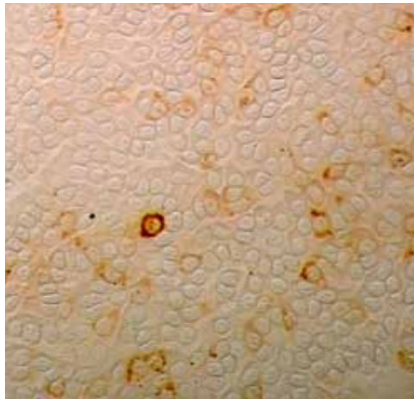
Storage instruction

For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

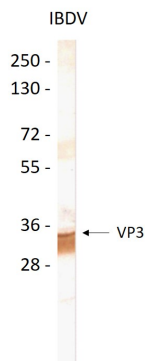
Images



ARG11065 anti-IBDV / Gumboro disease virus VP3 antibody [IBDV9] ICC image

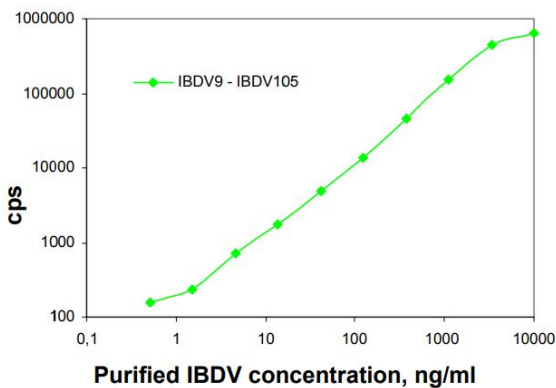
Immunocytochemistry: Vero cells were cultured in 96-well plate, than infected with S706 IBDV strain and fixed with ethanol-acetone mixture. Sites of non-specific binding were blocked with 5% dry milk in PBS containing 0,1% Tween 20 (PBST).

Early stage of virus infection. After blocking cells were incubated 1 hour with ARG11065 anti-IBDV / Gumboro disease virus VP3 antibody [IBDV9], conjugated with HRP, 1:500 dilution in PBST. After washing, 3,3'-diaminobenzidine HRP substrate was added.



ARG11065 anti-IBDV / Gumboro disease virus VP3 antibody [IBDV9] WB image

Western blot: IBD virus stained with ARG11065 anti-IBDV / Gumboro disease virus VP3 antibody [IBDV9] in reducing condition.



ARG11065 anti-IBDV / Gumboro disease virus VP3 antibody [IBDV9] sELISA image

sELISA: Capture Mab: ARG11065 anti-IBDV / Gumboro disease virus VP3 antibody [IBDV9] (1 µg/well). Detection MAb (Eu-chelate labeled): [ARG11068](#) anti-IBDV / Gumboro disease virus VP3 antibody [IBDV105] (0.4 µg/well). Incubation time: 30 min.