ARG67390
anti-Chicken Infectious Anemia Virus / CIAV VP2 Protein antibody [6A10]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [6A10] to Chicken Infectious Anemia Virus / CIAV VP2 Protein
Tested Reactivity	Virus
Tested Application	ICC/IF, WB
Specificity	Reactivity demonstrated with CIAV VP2 protein expressed in 293T cells by Western blot, and with VP2 antigen in MSB-1 cells infected with CAV strains CZ, AH2658 and MT02 by immunofluorescence.
Host	Mouse
Clonality	Monoclonal
Clone	6A10
Target Name	Chicken Infectious Anemia Virus / CIAV VP2 Protein
Species	Virus
Immunogen	CIAV VP2 Protein
Conjugation	Un-conjugated
Alternate Names	CIAV VP2; CAV VP2; Chicken Anemia Virus VP2; VP2 capsid protein

Application Instructions

Application table

Application	Dilution
ICC/IF	1:500 - 1:1000
WB	1:200 - 1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

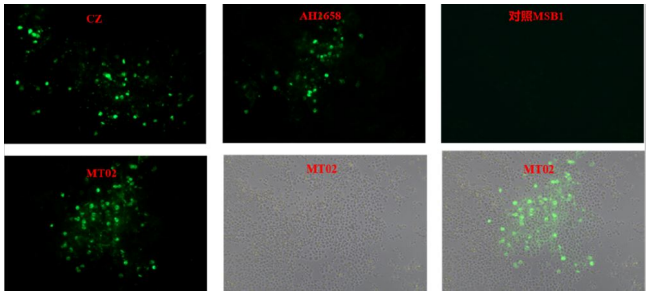
Properties

Form	Liquid
Buffer	PBS, 0.05% Sodium azide, and 20% Glycerol
Preservative	0.05% Sodium azide
Stabilizer	20% Glycerol
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. 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.

Bioinformation

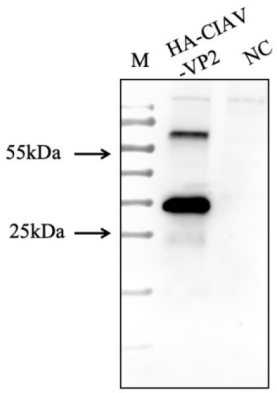
Gene Full Name	Chicken Infectious Anemia Virus VP2 Protein
Background	Chicken infectious anemia virus (CIAV), also known as chicken anemia virus (CAV), is a small non-enveloped DNA virus that causes immunosuppression in young chickens, characterized by aplastic anemia and lymphoid depletion. The viral capsid is composed of VP1, VP2 and VP3, and VP2 is a structural protein that has been widely used as an antigen for serological detection and for studying virus-host interactions.

Images



ARG67390 anti-Chicken Infectious Anemia Virus / CIAV VP2 Protein antibody [6A10] ICC/IF image

Immunofluorescence: MSB-1 cells infected with CAV strains CZ, AH2658 andMT02 stained with ARG67390 anti-Chicken Infectious Anemia Virus / CIAV VP2 Protein antibody [6A10] at 1:1000 dilution.



ARG67390 anti-Chicken Infectious Anemia Virus / CIAV VP2 Protein antibody [6A10] WB image

Western blot: CIAV VP2 protein expressed in 293T cells stained with ARG67390 anti-Chicken Infectious Anemia Virus / CIAV VP2 Protein antibody [6A10] at 1:1000 dilution.