DATASHEET

Chicken Infectious Anemia Virus (CIAV) VP2 Protein Mouse Monoclonal Antibody (6A10)

CAT. NO. AXA0052

KEY FEATURES

Target	CIAV VP2 Protein	**Source / Host**	Mouse
Reactivity	CIAV VP2 Protein	**Clonality**	Monoclonal
Applications	WB,IF/ICC,ELISA	**Storage**	at -20°C

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	Dilution Ratio
WB	1:200-1:1000
IF/ICC	1:500-1:1000
ELISA	Assay-dependent

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Mouse Monoclonal antibody to CIAV VP2 Protein
Antibody Type	Primary antibody, Monoclonal
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.
Immunogen	CIAV VP2 Protein
Form/Buffer	Liquid in PBS, 20% Glycerol; preservative: 0.05% Sodium Azide
Alternative Names	CIAV VP2; CAV VP2; Chicken Anemia Virus VP2; VP2 capsid protein

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

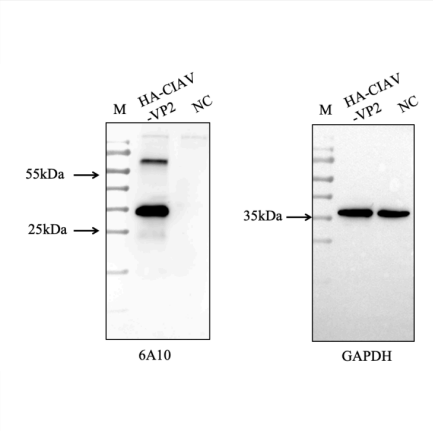
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

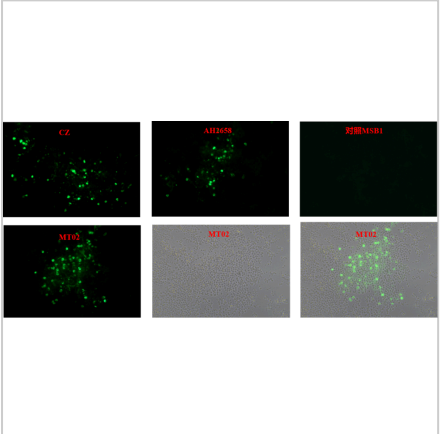
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Western blot analysis of CIAV VP2 protein expressed in 293T cells with Chicken Infectious Anemia Virus (CIAV) VP2 Protein Mouse Monoclonal Antibody (6A10) at 1:1000 dilution. GAPDH was used as a loading control.



Immunofluorescence analysis of MSB-1 cells infected with CAV strains CZ, AH2658 and MT02 with Chicken Infectious Anemia Virus (CIAV) VP2 Protein Mouse Monoclonal Antibody (6A10) at 1:1000 dilution. Uninfected MSB-1 cells were used as a negative control.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com