

Product Datasheet

Ferret IgG IgA IgM (H&L) Antibody Fluorescein Conjugated (orb348044)

Catalog Number	orb348044
Category	Antibodies
Description	Ferret IgG IgA IgM (H&L) antibody (FITC)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	FITC
Reactivity	Ferret
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Buffer/Preservatives	0.01% (w/v) Sodium Azide
Purity	This product was prepared from polyspecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Ferret IgG, Ferret IgA and Ferret IgM. This reagent is suitable for the detection of all Ferret isotypes and chain combinations.
Immunogen	Ferret IgG IgA and IgM whole molecules
Tested applications	FC, FLISA, IF
Dilution range	FLISA: 1:10,000 - 1:50,000, FC: 1:500 - 1:2,500, IF: 1:1,000 - 1:5,000

Biorbyt Ltd.

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Application notes

This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

Antibody Type

Secondary Antibody

Storage

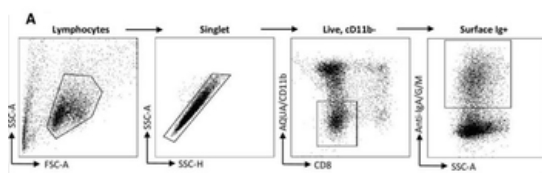
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

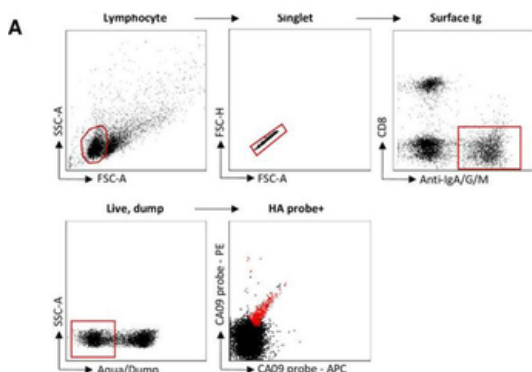
For research use only

Expiration Date

12 months from date of receipt.



Genetic features of recovered ferret heavy chain immunoglobulin sequences. (A) Gating scheme for sorting single ferret B cells for PCR recovery of recombined immunoglobulin genes.



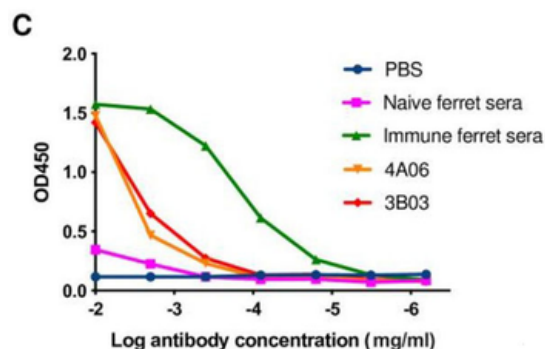
Recovery and expression of ferret immunoglobulins from HA-specific B cells. (A) Gating scheme for flow cytometric sorting of single B cells from lymph node suspensions from ferrets infected with A/California/04/2009. Cells binding recombinant HA probes (red) were sorted into 96-well plates for multiplex PCR amplification of heavy and light chain immunoglobulin sequences.

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Recovery and expression of ferret immunoglobulins from HA-specific B cells. (C) Binding of fully-ferret monoclonal antibodies to A/California/09/2009 HA protein was measured by ELISA. Ferret monoclonal antibodies 4A06 and 3B03 or serum samples from immunologically naïve ferrets (naïve serum) or ferrets infected with 1000 TCID₅₀ A/California/04/2009 (immune serum) (28 d.p.i) were serially diluted in PBS to detect A/California/04/2009 HA binding. 1x PBS was included as a negative control (no ab control).

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