

Anti-mKate2 Antibody

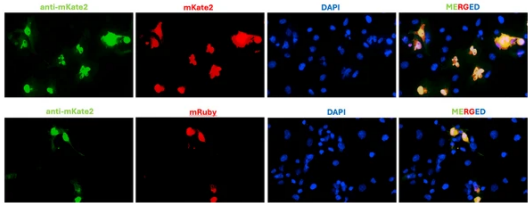


Product Details

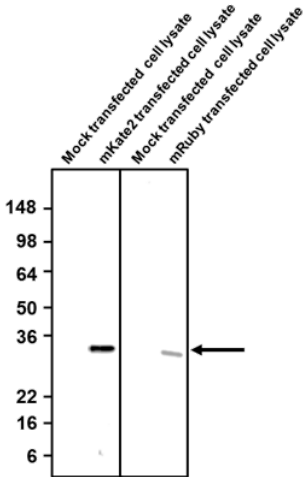
Available Variants	500 µL (SKU:mKate2-0100) 100 µL (SKU:mKate2-0020)
Conjugate	Unconjugated
Isotype	IgY
Gene Name	N/A
Host Species	Chicken
Concentration	200 µg/mL
Format	Affinity-Purified IgY
Physical State	Liquid
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production Notes	Eggs from hens hyperimmunized with target were used to prepare an IgY fraction which was then subjected to antigen-specific affinity purification.
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:1000-1:3000 IHC: 1:100-1:500 ICC: 1:100-1:500
Immunogen	Purified recombinant mKate2 expressed in E.Coli
Specificity	Antibody recognizes mKate2, mRuby, mTagBFP2, TurboRFP, mCardinal, and TagRFP-T owing to them all being derived from same fluorescent protein.
Molecular Weight	26 kDa
Quality Control	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used in Western blot.

Storage	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.
Country of Origin	United States
Shipping	Ice packs
Expiration	12 months from receipt of product
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



Immunofluorescence of COS7 cells expressing mKate2 or mRuby using chicken anti-mKate2 antibody (green) and mKate2 autofluorescence (red), showing complete overlap in the signal in transfected cells. The cells were stained using goat anti-chicken IgY FITC secondary antibody (Cat. 80-1000-FITC) and mounted with Fluoroshield with DAPI mounting medium (Cat. AR-6501). The DAPI nuclear stain (blue) shows the nuclei of both transfected and untransfected cells.



Western blotting of mock, mKate2, or mRuby transfected COS-7 cell lysates with Aves Labs chicken anti-mKate2 antibody (0.2 ug/ml) and detected with anti-chicken HRP secondary antibody (Cat. 80-1000-HRP). Aves Labs chicken anti-mKate2 recognizes exogenous mKate2 as well as mRuby, another fluorescent protein derived from Entacmaea quadricolor in COS-7 cells.

Product Page URL: www.antibodiesinc.com/products/anti-mkate2-antibody-mkate2

