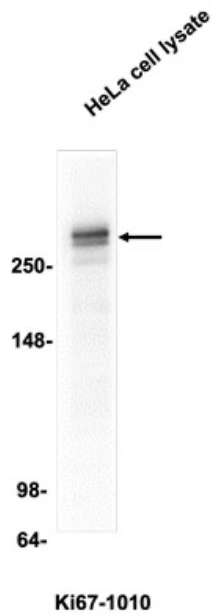
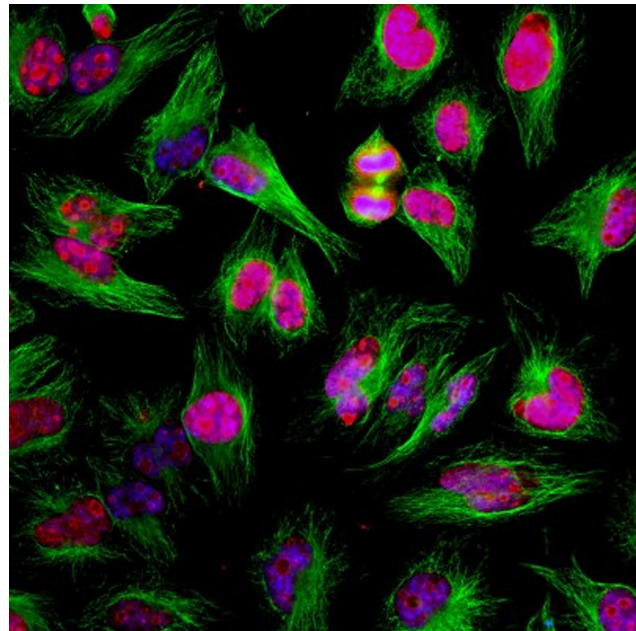


Product Datasheet**Chickens make *better* antibodies.****Anti-Ki-67****Overview**

Catalog #	Ki67-1010 (100 μ L size)
Host Species	Chicken Polyclonal
Format	Total IgY fraction
Buffer	PBS + 10 mM NaN ₃
Applications	WB 1:5000 IHC 1:1000-1:5000 ICC 1:1000-1:5000
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant human Ki-67 protein expressed in and purified from <i>E. Coli</i> .
Molecular Weight	345-395 kDa
Cite this Antibody	Aves Labs Cat# Ki67-1010; RRID: AB_2941673

Images

Western blotting of HeLa cell lysate (10 μ g/lane) with Ki-67 antibody at 2 μ g/mL dilution and detected with anti-chicken HRP.



Immunostaining of HeLa cells showing specific labeling of Ki-67(1:2000) in red and B-tubulin in green. DNA is stained blue.

Details

Target Description	Ki-67 is a nuclear protein that is considered to be essential for cellular proliferation since it is expressed only in active phases of the cell cycle (G1, S, G2 and mitosis) but not in resting phase G0 (Scholzen & Gerdes 2000). Ki-67 antibodies have therefore been widely used as markers of cell growth. Ki-67 has further been identified as a predicative and prognostic marker in breast, lung, cervical and other cancers (Yerushalmi et al., 2010; Folescu et al., 2018; Das et al., 2018).
Specificity	Specific for endogenous levels of the ~345 & 395 kDa Ki-67 isoforms. Additional bands are thought to be breakdown products of these 2 isoforms.
Production/Purification	Total IgY fraction
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 μ L/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles.
Stability	After date of receipt, stable for at least 1 year at -20°C.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience how chickens make better antibodies.

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