

Anti-Ki-67 [585] Standard Size Ab01429-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 585

Alternative Name(s) of Target: Proliferation Marker protein Ki-67; MKI67; Ki 67

UniProt Accession Number of Target Protein:

Published Application(s): ELISA, IHC

Published Species Reactivity:

Immunogen: This antibody was raised by immunizing mice with recombinant Ki-67 protein.

Specificity: This antibody recognizes Ki-67, a prominent proliferation marker present during cell division.

Application Notes: 585 can be used for the identification of Ki-67. Ki-67 protein is present during all active phases of the cell cycle (G(1), S, G(2), and mitosis), but is absent from resting cells (G(0)), what makes it an excellent marker for determining the so-called growth fraction of a given cell population (Scholzen and Gerdes, 2000; pmid: 10653597). Detection of Ki-67 is also widely used as an important marker of certain conditions, such as breast cancer (Inwald et al., 2013; pmid: 23674192).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.