

Product Datasheet

Anti-Centromere Protein Antibody - FITC Labeled

Overview

Catalog #	15-235-F (100 μ L size)
Conjugate	FITC
Concentration	Lot dependent (1-2mg/mL)
Host Species	Human Polyclonal
Format	Purified by Protein A chromatography
Buffer	1% BSA, 1X PBS pH 7.4, 0.1% sodium azide.
Applications	ICC
Species Reactivity	N/A
Immunogen	Purified IgG derived from Human anti-Centromere positive serum (also known as CREST patient serum) conjugated to fluorescein isothiocyanate. Anti-Centromere antibodies are useful as controls in ANA diagnostics and also react with other species including mouse, rat, and hamster.
Cite this Antibody	Antibodies Inc Cat# 15-235-F, RRID: AB_2797147

Details

Target Description	Centromere proteins CENPA/B/C are frequent autoantigens in CREST patients
Specificity	No cross-reactivity reported
Purification Method	CREST patient sera subjected to protein A purification to yield purified IgG followed by conjugation to FITC.
Quality Control Tests	Product was tested at a series of dilutions by immunocytochemistry on ethanol-fixed Hep2 cells that were in log-phase growth. The staining pattern obtained was consistent with the pattern expected for anti-centromere staining.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$.

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