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Datasheet for ABIN2178562
anti-POLE antibody (AA 101-200) (Cy3)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | POLE |
| Binding Specificity: | AA 101-200 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This POLE antibody is conjugated to Cy3 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human DNA Polymerase epsilon subunit 2 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat,Cow,Sheep,Horse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | POLE |
| Alternative Name: | DNA polymerase epsilon (POLE Products) |

Target Details

Background: Synonyms: DPE2, DNA polymerase epsilon subunit 2, DNA polymerase II subunit 2, DNA polymerase epsilon subunit B, POLE2
Background: Participates in DNA repair and in chromosomal DNA replication.

Gene ID: 5427

UniProt: [P56282](#)

Pathways: [Telomere Maintenance](#), [DNA Damage Repair](#), [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months
