

Product datasheet

Anti-DNA Polymerase delta, catalytic subunit antibody [2761C6a] ab54282

1 Image

Overview

| | |
|----------------------------|--|
| Product name | Anti-DNA Polymerase delta, catalytic subunit antibody [2761C6a] |
| Description | Mouse monoclonal [2761C6a] to DNA Polymerase delta, catalytic subunit |
| Tested applications | Suitable for: Dot blot, WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant fragment from the C-terminal region of DNA Polymerase delta, catalytic subunit (Human) |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. |
| Storage buffer | Preservative: 0.05% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4 |
| Purity | Protein G purified |
| Purification notes | ab54282 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum. Filtered through a 0.22 µm membrane. |
| Clonality | Monoclonal |
| Clone number | 2761C6a |
| Isotype | IgG2a |

Applications

Our [Abpromise guarantee](#) covers the use of **ab54282** in the following tested applications.

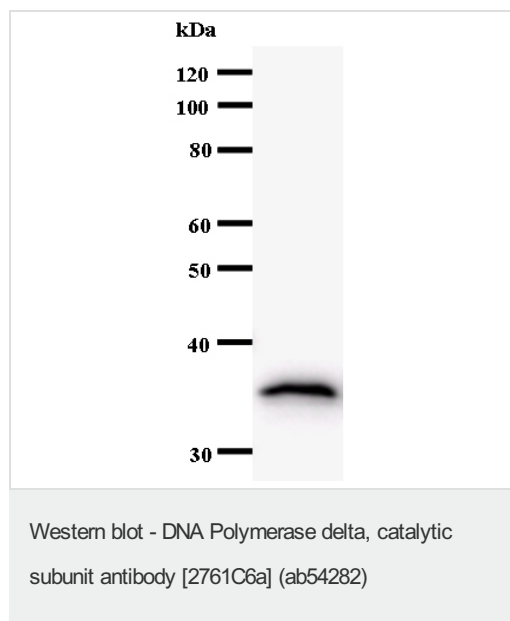
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| Dot blot | | Use at an assay dependent dilution. |
| WB | | Use at an assay dependent dilution. Predicted molecular weight: 124 kDa. |

Target

| | |
|------------------------------|---|
| Function | Possesses two enzymatic activities: DNA synthesis (polymerase) and an exonucleolytic activity that degrades single stranded DNA in the 3'- to 5'-direction. Required with its accessory proteins (proliferating cell nuclear antigen (PCNA) and replication factor C (RFC) or activator 1) for leading strand synthesis. Also involved in completing Okazaki fragments initiated by the DNA polymerase alpha/primase complex. |
| Sequence similarities | Belongs to the DNA polymerase type-B family. |
| Cellular localization | Nucleus. |

Images



Staining of recombinant immunising protein using anti-DNA Polymerase delta, catalytic subunit [2761C6a] (ab54282).

Predicted band size : 124 kDa

Observed band size : 36 kDa

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