

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.

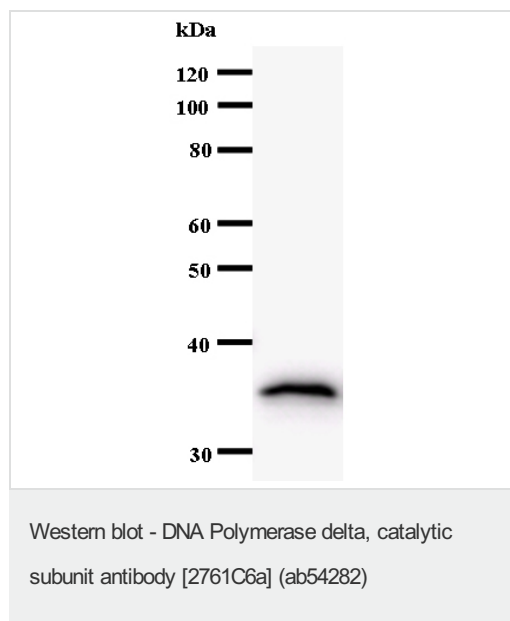
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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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