

Datasheet for ABIN931094

anti-C14orf169 + NO66 antibody[Go to Product page](#)**1** Image

Overview

| | |
|--------------|-------------------------------------------------|
| Quantity: | 100 µg |
| Target: | C14orf169 + NO66 (C14orf169) |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This C14orf169 + NO66 antibody is un-conjugated |
| Application: | Dot Blot (DB) |

Product Details

| | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------|
| Immunogen: | C14 orf169 antibody was raised in mouse using recombinant Human Chromosome 14 Open Reading Frame 169 (C14 rf169) |
| Clone: | 3354C5a |
| Isotype: | IgG1 |
| Cross-Reactivity: | Human |
| Cross-Reactivity (Details): | Other species not studied. |
| Purification: | Protein G affinity chromatography |

Target Details

| | |
|-------------------|--------------------------------------------------|
| Target: | C14orf169 + NO66 (C14orf169) |
| Alternative Name: | C14orf169 (C14orf169 Products) |

Target Details

Background: C14orf169 encodes a histone demethylase that specifically demethylates 'Lys-4' (H3K4me) and 'Lys-36' (H3K36me) of histone H3, thereby playing a central role in histone code. Preferentially demethylates trimethylated H3 'Lys-4' (H3K4me3) and monomethylated H3 'Lys-4' (H3K4me1) residues, while it has weaker activity for dimethylated H3 'Lys 36' (H3K36me2). It also acts as a regulator of osteoblast differentiation via its interaction with SP7/OSX by demethylating H3K4me and H3K36me, thereby inhibiting SP7/OSX-mediated promoter activation (By similarity). May also play a role in ribosome biogenesis and in the replication or remodeling of certain heterochromatic region. Synonyms: Monoclonal C14orf169 antibody, Anti-C14orf169 antibody, Chromosome 14 open reading frame 169 antibody, FLJ21802 antibody.

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: C14 orf169 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

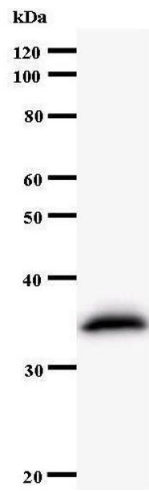
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.