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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Vimentin [YT33] Bulk Size Ab03911-10.0-BT

Isotype and Format: Human IgG1, Kappa

Clone Number: YT33

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein: P31000

Published Application(s): ICC, IEM, IHC-P, WB, ELISA, IF

Published Species Reactivity: Rat, Human, Mouse

Immunogen: The original antibody was generated by immunizing BDF1 mice with keyhole limpet hemocyanin (KLH) coupled PV33 — a synthesized vimentin peptide containing the ser33 phosphorylation — (PV33-KLH) emulsified in complete Freund's adjuvant.

Specificity: This antibody specifically recognizes vimentin phosphorylation at Ser33, a C kinase phosphorylation site.

Application Notes: This antibody is specific to the C kinase phosphorylated vimentin Ser33 residue, as determined by ELISA, can detect the activity of endogenous CAM kinase II astrocytes, as detected by WB, and was used for ICC (IF) to detect C kinase phosphorylated vimentin Ser33 in type 1 astrocytes extracted from newborn rats' cerebral cortices (Ogawara et al., 1995; PMID: 7490282). This antibody was used for: in vivo vimentin kinase activity visualization of vimentin kinase activity in cell signaling or mitosis (Goto et al., 1998; PMID: 9565595), IHC-p and IF staining of human glioma cells (Fujita et al., 2004; PMID: 15597762), and as a positive control in a WB for vimentin ser55 phosphorylation (Yamaguchi et al., 2005; PMID: 16260496).

Antibody First Published in: Ogawara et al. Differential targeting of protein kinase C and CaM kinase II signalings to vimentin J Cell Biol. 1995 Nov; 131(4):1055-66. doi: 10.1083/jcb.131.4.1055 [PMID:7490282](#)

Note on publication: The original publication prepared YT33 to investigate the signaling pathways of C kinase to vimentin.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer

storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.