

## **Product Datasheet**

V5 Epitope Tag antibody (orb345390)



## www.biorbyt.com

Description vs. V5 Epitope Tag antibody

Species/Host Rabbit

**Conjugation** Unconjugated

**Tested** ELISA, IHC, WB **Applications** 

**Immunogen** This antibody was purified from whole rabbit serum

prepared by repeated immunizations with V5 epitope tag peptide corresponding to aa 95-108 of the V protein conjugated to KLH using maleimide.

**Preservatives** 0.01% (w/v) Sodium Azide

Form/Appearance Liquid (sterile filtered)

Concentration 1.8 mg/mL

**Storage** Store vial at -20° C prior to opening. Aliquot contents

and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to

immediate use.

**Note** For research use only

**Application notes** Anti-V5 is optimally suited for monitoring expression

of V5-tagged fusion proteins. The V5 epitope tag is derived from a small epitope (Pk) present on the P and V proteins of the paramyxovirus of simian virus 5 (SV5). The V5 tag is usually used with all 14 amino acids (GKPIPNPLLGLDST), although it has also been

used with a shorter 9 amino acid sequence

(IPNPLLGLD). This antibody has been tested by ELISA and western blotting against both the immunizing peptide and V5 containing recombinant proteins. Although not tested, this antibody is likely functional for immunoprecipitation and immunocytochemistry.

**Isotype** IgG

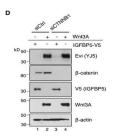
**Clonality** Polyclonal

Purity This affinity-purified antibody is directed against V5

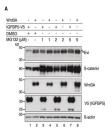
motif and is useful in determining its presence in various assays. This polyclonal anti-V5-tag antibody detects over-expressed proteins containing the V5 epitope tag. To date this antibody has reacted with all V5 tagged proteins tested so far. In western blotting of bacterial extracts the antibody does not cross-react with endogenous proteins. The antibody



Anti-V5 epitope tag polyclonal antibody ...



Evi is not transcriptionally regulated b...



Evi poly-ubiquitination is regulated b...