

# Product Datasheet

## V5 Epitope Tag Antibody (SV5-Pk2) [Alexa Fluor® 700] NBP1-21645AF700

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 7/17/2023 v.20.1

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**NBP1-21645AF700**

V5 Epitope Tag Antibody (SV5-Pk2) [Alexa Fluor® 700]

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SV5-Pk2
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Alexa Fluor 700
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Host</b>	Mouse
<b>Species</b>	Epitope Tag
<b>Specificity/Sensitivity</b>	NBP1-21645 recognizes a small epitope, termed Pk, present on the P/V proteins of the paramyxovirus, SV5. NBP1-21645 has been used to detect recombinant proteins, some of which include transmembrane and secreted proteins, which have been tagged with this epitope. Usually, a 14 amino acid tag has been added to the recombinant proteins, although a smaller epitope of 9 amino acids (that as a peptide inhibit the binding of the monoclonal antibody to its native protein) has also been successfully used. The 14 amino acid epitope is; gly lys pro <u>ile</u> pro <u>asn</u> pro <u>leu</u> <u>leu</u> <u>gly</u> <u>leu</u> <u>asp</u> ser thr. (The 9 amino acid epitope is underlined).
<b>Immunogen</b>	A recombinant peptide corresponding to the PK tag fused to a class II - restricted T helper cell epitope.
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**Product Application Details**

<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA

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**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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