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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-PV11 [III20] Standard Size Ab03527-30.11

This is an scFv fragment with a His tag.

Isotype and Format: scFv fragment (His), ScFv

Clone Number: III20

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): in vitro neutralization, WB, ELISA, IF

Published Species Reactivity: Rabies Virus

Immunogen: The original scFv antibody was selected from a human synthetic scFv phage display library by panning against the PV11 strain of the virus.

Specificity: The antibody binds the PV11 strain of the rabies virus.

Application Notes: The specificity of the scFv-Fc format of the antibody was confirmed by ELISA analysis. The scFv-Fc version of the antibody detected GPRV by western blot analysis. The scFv-Fc version of the antibody bound specifically to the membranes of PV11 infected Vero cells in an immunofluorescence assay. The scFv-Fc version of the antibody neutralized the PV11 strain in a standard in vivo neutralization assay where the virus was incubated with the scFv-Fc fragment before intracranial inoculation in mice (Ray et al., 2001; PMID: 11472431).

Antibody First Published in: Ray et al. Selection of single chain variable fragments (scFv) against the glycoprotein antigen of the rabies virus from a human synthetic scFv phage display library and their fusion with the Fc region of human IgG1 Clin Exp Immunol. 2001 Jul; 125(1): 94-101. [PMID:11472431](#)

Note on publication: The original paper describes the generation and characterization of the antibody.

Product Form

Size: 50 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.