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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-mCherry [LAM-6] Bulk Size Ab03478-1.159-BT

Isotype and Format: Mouse IgG1-Fc fusion

Clone Number: LAM-6

Alternative Name(s) of Target: mCh; RFP; Fluorescent protein raspberry; Red fluorescent protein; MCherry fluorescent protein; DsRed; tdTomato; LAM6

UniProt Accession Number of Target Protein: Q5S3G8; X5DSL3

Published Application(s): ELISA, IF

Published Species Reactivity: Anaplasma marginale, Discosoma sp. LW-2004

Immunogen: The original antibody was generated by immunization of Llama glama with mCherry fluorescent protein. A VHH cDNA library was generated by high-throughput DNA sequencing of a marrow lymphocyte from an immunized llama. Later on this was combined with mass spectrometric (MS) identification of high affinity VHH regions derived from serum of the same animal.

Specificity: This antibody binds mCherry and can also bind DsRed and tdTomato, which is a tandem dimer of mCherry.

Application Notes: This antibody reacts with mCherry and also recognizes dsRed2, and tdTomato. This antibody binds immobilized mCherry with a binding affinity of $K_d = 0.26$ nM (PMID: 25362362).

Antibody First Published in: Fridy et al. A robust pipeline for rapid production of versatile nanobody repertoires. Nat Methods. 2014 Dec; 11(12): 1253-1260. [PMID:25362362](#)

Note on publication: Describes the generation of large repertoires of readily expressible recombinant nanobodies with high affinities and specificities against a given antigen.

Product Form

Size: 500 µg 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.