



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-mCherry [LAM-6] Standard Size Ab03478-1.159

**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:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**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.