



# 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-2] Bulk size M Ab03477-1.159-BS

**Isotype and Format:** Mouse IgG1-Fc fusion

**Clone Number:** LAM-2

**Alternative Name(s) of Target:** mCh; RFP; Fluorescent protein raspberry; Red fluorescent protein; RFP-RANbody-2; LaM2

**UniProt Accession Number of Target Protein:** Q5S3G8

**Published Application(s):** ELISA, IF

**Published Species Reactivity:** 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 specifically binds mCherry fluorescent protein.

**Application Notes:** This antibody is specific for mCherry and does not cross react with DsRed or TdTomato. This antibody can be used to detect mCherry fluorescent protein in an ELISA. This antibody binds immobilized mCherry with a binding affinity of  $K_d = 0.49$  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:** 1 mg 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:** See vial label

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.