



# 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-ractopamine [AC2] Bulk Size Ab04225-30.11-BT

This is an scFv fragment with a His tag.

This is a reformatted mouse scFv antibody, based on the original mouse scFv format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** scFv fragment (His), ScFv

**Clone Number:** AC2

**Alternative Name(s) of Target:** 4-(1-Hydroxy-2-([4-(4-hydroxyphenyl)butan-2-yl]amino)ethyl)phenol;  
RAC

**UniProt Accession Number of Target Protein:**

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

**Published Species Reactivity:** Specie independent

**Immunogen:**

**Specificity:** The antibody is specific for ractopamine. The antibody does not cross react with clenbuterol, mabuterol, terbutanline, adrenalin, chloramphenicol and enrofloxacin.

**Application Notes:** The specificity of the original format of the antibody was confirmed by ELISA analysis (CN103160515B). The single-chain variable fragment of the antibody conjugated to alkaline phosphatase (asFv-AP) fusion protein was used for the development of a rapid, sensitive chemiluminescent enzyme immunoassay (CLEIA) and direct competitive CLEIA for ractopamine (IC<sub>50</sub>= 0.25 ng/mL, LOD= 0.02 ng/mL, working detection range = 0.05-1.45 ng/mL) (Dong et al., 2012; PMID: 22769009).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 500 µg Purified antibody in bulk size.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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 recommed 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.