



# 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

Quellenstraße 110, A-1100 Wien

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

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

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Anti-Keratin [IAD7] Standard Size Ab04083-30.11

This is an scFv fragment with a His tag.

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

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

**Clone Number:** IAD7

**Alternative Name(s) of Target:**

**UniProt Accession Number of Target Protein:**

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

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was selected from existing phage display libraries.

**Specificity:** This antibody is specific for keratin with an increased affinity for native keratin over sulfur mustard-exposed (SM-exposed) keratin.

**Application Notes:** The binding characteristics of this antibody were observed in an ELISA and immunoslotblot (ISB) assay. Increased exposure levels of keratin resulted in a decreased emission, indicating decreased stability of the antibody-keratin interaction; the formation of adducts or crosslinks disrupts effective antibody binding (Bikker et al., 2007; PMID: 17539823).

**Antibody First Published in:** Bikker et al. Detection of sulfur mustard adducts in human callus by phage antibodies *Chem Biol Drug Des.* 2007 May;69(5):314-20. doi: 10.1111/j.1747-0285.2007.00504.x  
[PMID:17539823](#)

**Note on publication:** The original publication explores the application of phage display in the detection of sulfur mustard adducts in human callus, demonstrating the successful use of antibody phage display for immunodiagnosics of a chemical warfare agent. Furthermore, the publication describes the generation and characterization of clone IAD7.

## Product Form

**Size:** 100 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.