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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Keratin [IAD7] Bulk Size Ab04083-30.11-BT

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: 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 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.