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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Keratin [IAD7] Standard Size Ab04083-10.0

Isotype and Format: Human IgG1, Kappa

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 interactio; 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: 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.