

Anti-BSA [D1] Standard Size Ab00748-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: D1

Alternative Name(s) of Target: Bovine serum albumin; serum albumin; albumin

UniProt Accession Number of Target Protein: P02769

Published Application(s): IP

Published Species Reactivity: Bovine

Immunogen: D1 was prepared by isolating anti-p24 scFvs from a phage display library made from a mouse immunized with lysate from HIV-1 infected H9 cells.

Specificity: D1 has been shown to bind to BSA in panning experiments from phage display. Albumin is a secreted globular protein found in blood plasma and BSA has multiple biochemical applications including ELISAs and immunohistochemistry and is able to increase the stability of proteins and be used as a standard in Bradford assays.

Application Notes: D1 was selected for by panning where it reacted positively on BSA. D1 can also be used as a control in IP and when working with native proteins when conducting studies within a BSA medium.

Antibody First Published in: de Haard et al. Selection of recombinant, library-derived antibody fragments against p24 for human immunodeficiency virus type 1 diagnostics. Clin Diagn Lab Immunol. 1998 Sep;5(5):636-44. [PMID:9729530](#)

Note on publication: Describes the production of the anti-BSA antibody D1 in addition to antibodies specific for the viral protein p24.

Product Form

Size: 200 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.