

Anti-Phosphatidylserine [PS4A7] Bulk Size Ab00976-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: PS4A7

Alternative Name(s) of Target: PS

UniProt Accession Number of Target Protein:

Published Application(s): SDS-FRL, ELISA

Published Species Reactivity: Human

Immunogen: This antibody was raised by immunising mice with phospholipid-coated S. minnesota strain R595.

Specificity: The antibody is highly specific to PS and doesn't bind phosphatidyl-D-serine or phosphatidyl-L-homoserine. It also shows some affinity to phosphatidyl-serineamide.

Application Notes: The antibody has been reported to function in ELISA (Umeda et al, 1989). The antibody has been used to compare density of lipids in the inner and outer leaflet by SDS-FRL (Murate et al, 2016).

Antibody First Published in: Umeda et al. Effective production of monoclonal antibodies against phosphatidylserine: stereo-specific recognition of phosphatidylserine by monoclonal antibody. J Immunol. 1989 Oct 1;143(7):2273-9. [PMID:2476504](#)

Note on publication: Describes the original generation of this antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

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.