

## Anti-Phosphatidylserine [PS4A7] Standard Size Ab00976-23.0

This chimeric rabbit 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:** Rabbit IgG, 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:** 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.