

ESD Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP2903b**Specification**

ESD Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P10768](#)**ESD Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 2098**Other Names**

S-formylglutathione hydrolase, FGH, Esterase D, Methylumbelliferyl-acetate deacetylase, ESD

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2903b](/products/AP2903b) was selected from the C-term region of human ESD. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ESD Antibody (C-term) Blocking Peptide - Protein Information**Name** ESD**Function**

Serine hydrolase involved in the detoxification of formaldehyde.

Cellular Location

Cytoplasm. Cytoplasmic vesicle.

ESD Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ESD Antibody (C-term) Blocking Peptide - Images**ESD Antibody (C-term) Blocking Peptide - Background**

ESD belongs to the esterase D family. This protein is active toward numerous substrates including O-acetylated sialic acids, and it may be involved in the recycling of sialic acids.

ESD Antibody (C-term) Blocking Peptide - References

Saito,A., et.al., J. Hum. Genet. (2009) In press Okunuki,Y., et.al., Mol. Vis. 14, 1094-1104 (2008)