



Rabbit Anti-Human Endothelial Lipase (EL/LIPG) IgG

Product Information

Code A00276-01-100

Name Human Endothelial Lipase Pab

Clone No. N/A

Lot No.

Size 100 µl

Species Human

Host Rabbit

Immunogen Endothelial Lipase (H) rec.

Ab Type IgG

Purification Protein A

Formulation lyophilized Form without preservatives free

Carry

Storage -20 ° C

Specificity Human

Reconstitution PBS, 100 µl

Application IHC

ELISA

WB

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Preparation

This antibody was produced from a rabbit immunized with purified, E. coli-derived, recombinant human Endothelial Lipase, mature form. That IgG was purified by Protein A affinity

Formulation

100µg of purified IgG in PBS without preservatives was lyophilized.

Reconstitution

Add 100 µl of PBS to the vial to prepare antibody stock solution at 100 µg/100 µl.

Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted (by 10 uL per vial) and stored frozen at -20° C to -70° C in a **manual defrost freezer** for up six months without detectable loss of activity.

Storage

Lyophilized antibody can be stored at 2 ~8 ° C for a few weeks or at -20 ° C for six months. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize human Endothelial Lipase in direct ELISAs as well as immunohistochemistry.

Applications

Direct ELISA - This antibody can be used at 1: 5000 (0.2 µg /mL) with the appropriate secondary reagents to detect recombinant human Endothelial Lipase.

Immunohistochemistry-That Antibody can be used at 1: 500 (2 µg /mL) with the appropriate secondary antibody to detect Endothelial Lipase in human pancreas cancer, lung cancer and liver cancer tissues (ABC).

Western Blot- That Antibody can be used at 1: 500 (2 µg /mL) with the appropriate secondary antibody to detect Endothelial Lipase in human kidney tumor cells that was transfected with human EL cDNA at 70KDa under reduce condition.

1: Wu X,et al. Regulated expression of endothelial lipase in atherosclerosis. Mol Cell Endocrinol. 2010 Feb 5;315(1-2):233-8. Epub 2009 Nov 18.

2: Tanaka H,et al. Role of endothelial lipase in plasma HDL levels in a murine model of hypertriglyceridemia. J Atheroscler Thromb. 2009 Aug;16(4):327-38. Epub 2009 Aug 11.

Optimal dilutions should be determined by each laboratory for each application.