

Product datasheet

PLCG 2 overexpression 293T lysate (whole cell) ab94166

2 Images

Overview

Product name	PLCG 2 overexpression 293T lysate (whole cell)
General notes	ab94166 is a 293T cell transfected lysate in which Human PLCG 2 has been transiently over-expressed using a pCMV-PLCG 2 plasmid. The lysate is provided in 1X Sample Buffer.
Tested applications	Suitable for: WB

Properties

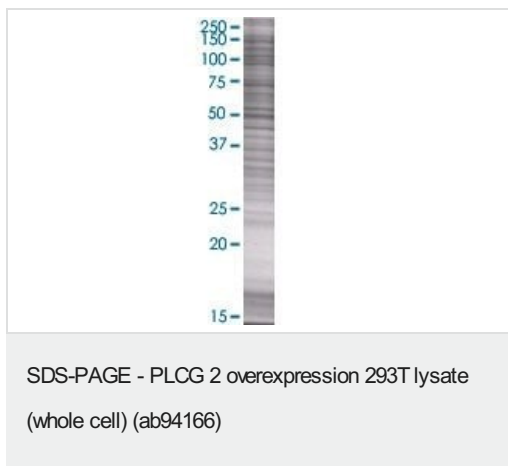
Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Function: The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. It is a crucial enzyme in transmembrane signaling. Similarity: Contains 1 C2 domain. Contains 1 PH domain. Contains 1 PI-PLC X-box domain. Contains 1 PI-PLC Y-box domain. Contains 2 SH2 domains. Contains 1 SH3 domain. PTM: Phosphorylated on tyrosine residues; upon ligand-induced activation of a variety of growth factor receptors and immune system receptors. Increases phospholipase activity.

Applications

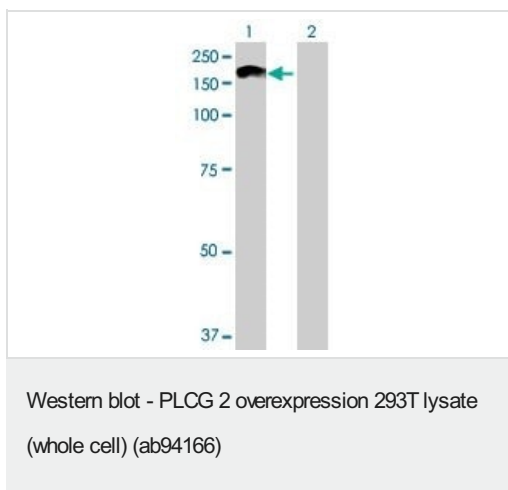
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94166 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



ab94166 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-PLCG 2 antibody (**ab89625**) at 1/500 dilution

Lane 1 : PLCG 2 overexpression 293T lysate (whole cell)
(ab94166)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at
1/2500 dilution

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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