

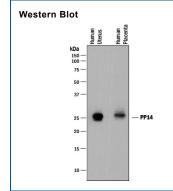
Human PP14/Glycodelin Antibody

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: AF842

DESCRIPTION		
Species Reactivity	Human	
Specificity	Detects human PP14/Glycodelin in direct ELISAs and Western blots.	
Source	Polyclonal Goat IgG	
Purification	Antigen Affinity-purified	
Immunogen	Mouse myeloma cell line NS0-derived recombinant human PP14/Glycodelin Met19-Phe180 (Glu95Gly) Accession # P09466	
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.	

Please Note: Ontimal dilutions should b	e determined by each laboratory for each applicat	ion. General Protocols are available in the Technical Information section on our website.
1 loade Note: Opamai anatorio arbaia p	Recommended Concentration	Sample
Western Blot	0.2 μg/mL	See Below
ELISA	,	ons as an ELISA detection antibody when paired with Mouse Anti-Human PP14/Glycodelin y(Catalog # MAB842).
	This product is inten	ded for assay development on various assay platforms requiring antibody pairs.

DATA



Detection of Human PP14/Glycodelin by Western Blot. Western blot shows lysates of human uterus tissue and human placenta tissue. PVDF membrane was probed with 0.2 μg/mL of Goat Anti-Human PP14/Glycodelin Antigen Affinity-purified Polyclonal Antibody (Catalog # AF842) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF017). A specific band was detected for PP14/Glycodelin at approximately 24-27 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE		
Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.	
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C	
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. • 12 months from date of receipt -20 to -70 °C as supplied	

- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Placenta Protein 14 (PP14, also known as Glycodelin-A) is a 28-kDa glycoprotein that is mainly expressed by late secretory-phase endometrium and first-trimester gestational endometrium. It is present at high levels in amniotic fluid, and in the serum of pregnant women. PP14 has been reported to have immuno- suppressive activity that may play a role in fetal survival during pregnancy.

Rev. 2/25/2020 Page 1 of 1

