

Product datasheet

Goat Anti-Rabbit IgG (80nm Gold, 10 OD) ab270700

1 Image

Overview

Product name	Goat Anti-Rabbit IgG (80nm Gold, 10 OD)
Host species	Goat
Target species	Rabbit
Tested applications	Suitable for: LFA
Conjugation	Gold

Properties

Form	Liquid
Storage instructions	Shipped at Room Temperature. Store at +4°C.
Storage buffer	pH: 7 Constituents: Tris buffered saline, 0.1% Tween
Clonality	Polyclonal
Isotype	IgG
General notes	<p>The Goat Anti-Rabbit IgG antibody (GAR) is covalently conjugated to 80 nm Gold Nanoparticles which have a unique protective coating that can withstand most extreme conditions (e.g. 2.5 M NaOH at 70°C for >1 hour). The irreversible attachment does not allow the desorption of the antibody, which is a major problem with products in which the antibody is only passively adsorbed to the metal.</p> <p>To exchange the conjugated antibody into a different buffer specific to your application, centrifuge the conjugate in a microfuge at 9,000 x g for 6 minutes. Carefully remove the supernatant, gently tap the pellet and add the preferred buffer. It is important to avoid substances that have a very high affinity for gold (e.g. thiols).</p> <p>If an incubation of the conjugated Goat Anti-Rabbit IgG with the target antibody is performed, do not centrifuge the gold complex after this stage (an antibody titration is recommended).</p>

Size	LFA	FC	DLS	SEM	TEM
80 nm	•	•	•		
40 nm	•	•		•	•
20 nm	•	•		•	•
10 nm		•		•	•

This product is manufactured by Expedeon, an Abcam company. It was previously called 80nm InnovaCoat[®] GOLD (10 OD) Goat Anti Rabbit IgG Conjugate. Expedeon product code 221-0200 is the same as the 200 µl size of this product and code 221-1000 is the same as the 1 mL size.

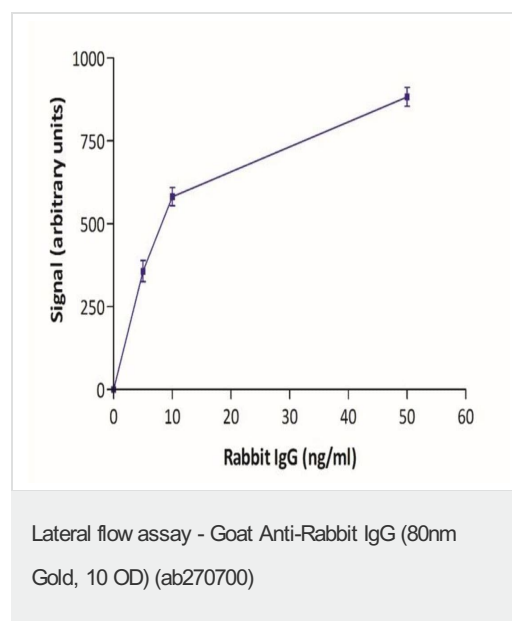
Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab270700 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
LFA		Use at an assay dependent concentration.

Images



Quantification of the T line signal of a lateral flow assay

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

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