

## **Product Datasheet**

## Sheep Guinea Pig IgG (Fc specific), conjugated with Horseradish peroxidase Antibody (orb21568)

Catalog Number orb21568

**Category** Antibodies

**Description** Horseradish peroxidase-conjugated IgG fraction of polyclonal sheep antiserum to

guinea pig IgG, Fc specific. In enzyme-immunocytochemical and

immunohistochemical staining for the detection of IgG at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to demon- strate circulating IgG antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen using a reference antibody of guinea pig origin known to be of the IgG isotype in the middle layer of the indirect test procedure; in non-isotopic assay methodology (e.g. ELISA) to measure IgG in guinea pig serum or other body fluids. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Working dilutions for histochemical and cytochemical

use are usually between 1:100 and 1:250; in ELISA and comparable non-precipitating antibody-binding assays between 1:1,000 and 1:5,000.

**Clonality** Polyclonal

Species/Host Sheep

**Conjugation** HRP

**Reactivity** Guinea pig

Form/Appearance Horseradish peroxidase-coupled purified hyperimmune sheep IgG lyophilized

from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative

added, as it may interfere with the antibody activity.

**RRID** AB 10921855

Antibody Type Secondary Antibody

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**Source** 

Purified normal IgG isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure

**Storage** 

The lyophilized conjugate is shipped at ambient temperature and may be stored at  $+4^{\circ}$ C; prolonged storage at or below  $-20^{\circ}$ C. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at  $+4^{\circ}$ C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate

Note

For research use only