

## Product Datasheet

# Goat Rabbit IgA (Fc specific), conjugated with Horseradish peroxidase Antibody (orb21459)

<b>Catalog Number</b>	orb21459
<b>Category</b>	Antibodies
<b>Description</b>	<p>Horseradish peroxidase-conjugated IgG fraction of polyclonal goat antiserum to rabbit IgA, Fc specific. In enzyme-immunocytochemical and immunohistochemical staining for the detection of IgA at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to demonstrate circulating IgA antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen using a reference antibody of rabbit origin known to be of the IgA isotype in the middle layer of the indirect test procedure; in non-isotopic assay methodology (e.g. ELISA) to measure IgA in rabbit serum or other body fluids. Antisera to IgA do not discriminate between serum IgA (monomeric and dimeric) and higher molecular forms such as secretory IgA. 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 1:50 and 1:250; in ELISA and comparable non-precipitating antibody-binding assays between 1:500 and 1:5,000.</p>
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Goat
<b>Conjugation</b>	HRP
<b>Reactivity</b>	Rabbit
<b>Form/Appearance</b>	Horseradish peroxidase-coupled purified hyperimmune goat IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity.

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<b>RRID</b>	AB_10951378
<b>Specificity</b>	Horseradish peroxidase-conjugated IgG fraction of polyclonal Goat antiSerum to Rabbit IgA, Fc specific.
<b>Antibody Type</b>	Secondary Antibody
<b>Source</b>	Purified normal IgA isolated from pooled rabbit serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Storage</b>	The lyophilized conjugate is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°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°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 product.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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