

Product Datasheet

Sheep IgG F(ab')2 Antibody Peroxidase Conjugated (orb347926)

Catalog Number	orb347926
Category	Antibodies
Description	Sheep IgG F(ab')2 antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	HRP
Reactivity	Sheep
Form/Appearance	Lyophilized
Concentration	1.5 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Sheep IgG, Sheep IgG F(ab')2 and Sheep Serum. No reaction was observed against Sheep IgG F(c).
Immunogen	Sheep IgG F(ab')2 fragment
Tested applications	ELISA, IHC, WB

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

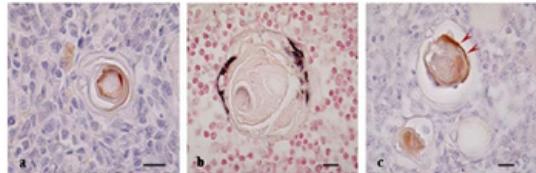
Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Dilution range	ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000
Application notes	This product has been assayed against 1.0 µg of Sheep IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product.
Antibody Type	Secondary Antibody
Storage	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only



Immunohistochemistry results using rabbit anti-sheep IgG F(ab')2 HRP. Antigen retrieval was performed by heating the paraffin sections in an autoclave at 121°C for 15 min. The paraffin sections were then treated with 10% normal sheep serum for staining against anti-human TSLP antibody. After several washes with PBS, the sections were stained with Peroxidase-conjugated affinity-purified anti-sheep IgG F(ab')2 secondary antibody for 1.5 h. The samples were treated with 0.3% H₂O₂ in cold methanol for 30 min. Finally, 0.1 mg/ml 3, 3'-diaminobenzidine tetrahydrochloride was applied to sections for 10 min. The sections were counterstained with hematoxylin. (a, b) Immunohistochemical localization of Lag-positive cells in Hassal's corpuscles of the thymus at 5 months (a, brown) and 8 months (b, dark blue) of human ontogeny. (c) Immunohistochemical localization of TSLP-R (brown, arrowheads) in Hassal's corpuscles of the thymus at 5 months of gestation. Bars 10 µm.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)