antibodies -online.com





Go to Product page

Datasheet for ABIN458153

anti-beta-Thromboglobulin antibody

Overview	
Quantity:	1 mL
Target:	beta-Thromboglobulin (beta-TG)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta-Thromboglobulin antibody is un-conjugated
Application:	ELISA, Immunodiffusion (ID), Nephelometry (Neph)
Product Details	
Immunogen:	Beta-thromboglobulin is a platelet specific protein. In normal plasma mean concentrations of 30 ng/ml have been found. Highly purified beta-thromboglobulin has been isolated from platelets and is used for the immunization. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins, since homologous proteins of different species frequently share antigenic determinants. of this antiserum has not been tested in detail.
Characteristics:	Precipitating polyclonal rabbit antiserum to human beta-thromboglobulin
Purification:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other human serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the

iserı	

beta-Thromboglobulin (beta-TG)

Τ	ar	get	De	tails

Target:

	, ,
Alternative Name:	beta-Thromboglobulin (beta-TG Products)
Background:	The defined antibody specificity is restricted to beta-thromboglobulin as tested at the level of
	sensitivity of immunoprecipitation techniques. A single precipitin line is obtained in bid-
	dimensional electrophoresis against normal plasma and platelet concentrate lysate, which
	shows a reaction of identity with precipitated purified beta-thromboglobulin. The antiserum
	does not react with any other protein component of human serum or plasma

Application Details

Application Notes:	In plasma the beta-thromboglobulin can only be assayed in more sensitive methods as ELISA,
	because of the low concentration of the antigen: in electroimmunodiffusion (Laurell),
	immunonephelometry, solid phase assays and as catching or detection antibody in ELISA.
	Measurements of beta-thromboglobulin is of significance for the diagnosis of platelet disorders
	involving platelet alpha granules and to demonstrate increased platelet secretions in vivo.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Concentration:	Total protein and IgG concentrations in the antiserum are comparable to those of normal pooled rabbit serum. No foreign proteins added. Antibody titre: The amount of beta-thromboglobulin precipitated by 1 ml antiserum is approximately 0.2 mg.
Buffer:	Delipidated, heat inactivated, lyophilized, stable whole serum.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. Reconstitute the lyophilized antiserum by adding 1 ml

sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4°C, not ref rozen, and preferably used the same day.