



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58679_P050-FITC
Product Page	<a href="http://www.avivasysbio.com/tsta3-antibody-n-terminal-region-fitc-arp58679-p050-fitc.html">www.avivasysbio.com/tsta3-antibody-n-terminal-region-fitc-arp58679-p050-fitc.html</a>
Name	TSTA3 Antibody - N-terminal region : FITC (ARP58679_P050-FITC)
Protein Size (# AA)	321 amino acids
Molecular Weight	35kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	7264
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Tissue specific transplantation antigen P35B
Alias Symbols	FX, P35B, TSTA3, SDR4E1
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">MGEPQGS MRILV TGG SGLV GKAIQKV VADGAGLPGEDWV FVSSKDADLTD</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Roos,C., (2002) J. Biol. Chem. 277 (5), 3168-3175
Description of Target	Tissue specific transplantation antigen P35B is a NADP(H)-binding protein. It catalyze the two-step epimerase and the reductase reactions in GDP-D-mannose metabolism, converting GDP-4-keto-6-D-deoxymannose to GDP-L-fucose. GDP-L-fucose is the substrate of several fucosyltransferases involved in the expression of many glycoconjugates, including blood group ABH antigens and developmental adhesion antigens. Mutations in this gene may cause leukocyte adhesion deficiency, type II. Tissue specific transplantation antigen P35B is a NADP(H)-binding protein. It catalyze the two-step epimerase and the reductase reactions in GDP-D-mannose metabolism, converting GDP-4-keto-6-D-deoxymannose to GDP-L-fucose. GDP-L-fucose is the substrate of several fucosyltransferases involved in the expression of many glycoconjugates, including blood group ABH antigens and developmental adhesion antigens. Mutations in this gene may cause leukocyte adhesion deficiency, type II.
Protein Interactions	UBC; COASY; EFHD2; PPME1; GLRX3; GMPS; RCN1; RBBP7; BAG3; RIOK2; ID2; DNAJC9; DSTN; NEDD4;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-TSTA3 (ARP58679_P050-FITC) antibody</a>
Blocking Peptide	For anti-TSTA3 (ARP58679_P050-FITC) antibody is <a href="#">Catalog# AAP58679</a> (Previous Catalog# AAPP35926)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TSTA3
Uniprot ID	<a href="#">Q13630</a>
Protein Name	GDP-L-fucose synthase
Sample Type Confirmation	TSTA3 is strongly supported by BioGPS gene expression data to be expressed in 721_B, HeLa TSTA3 is supported by BioGPS gene expression data to be expressed in MCF7
Protein Accession #	<a href="#">NP_003304</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_003313</a>
Gene Symbol	<a href="#">TSTA3</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
<b>Application</b>	IHC, WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 86%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two antigen-binding sites are formed by the variable regions of the light chains.

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Optimal conditions of its use should be determined by end users.

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