

Mouse TBG Monoclonal Antibody | anti-TBG antibody

TBG antibody

CATALOG #
AAA74591

HOST
Mouse

PRODUCT SYNONYMS

TBG; Monoclonal Antibody; TBG antibody; Monoclonal TBG antibody; Anti-TBG antibody; T4 Binding Globulin antibody; Thyroxine Binding Globulin antibody; Anti TBG antibody; anti-TBG antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	M26211
Specificity	Human
Purity/Purification	> 90% pure TBG antibody was purified by Protein A chromatography.
Form/Format	Chromatography purified IgG, supplied in 0.1M PBS buffer, pH 7.2, with 0.05% Na Azide
Concentration	4.76 mg/ml (varies by lot)
Sequence Length	415
Immunogen	Purified human Thyroxine Binding Globulin (TBG)
Affinity Constant	~1.0 x 10 ⁹ Liters/Mole
Cross-Reactivity	Thyroxine Binding Globulin (TBG) 100%
Preparation and Storage	Store at 4°C short term, -20°C long term storage

ADDITIONAL INFORMATION

Related Product Information for anti-TBG antibody	Thyroxine-binding globulin (TBG) binds thyroid hormone in circulation. It is one of three proteins (along with transthyretin and albumin) responsible for carrying the thyroid hormones thyroxine (T4) and 3,5,3'-triiodothyronine (T3) in the bloodstream. Of these three proteins, TBG has the highest affinity for T4 and T3, but is present in the lowest concentration. Despite its low concentration, TBG carries the majority of T4 in the blood.
Product Categories/Family for anti-TBG antibody	Hormones & Steroids

NCBI AND UNIPROT INFORMATION

NCBI GI #	205277441
NCBI GeneID	6906
NCBI Accession #	NP_000345.2
NCBI GenBank Nucleotide #	NM_000354.5

UniProt Accession #	P05543; D3DUX1
NCBI Official Full Name	thyroxine-binding globulin
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7
NCBI Official Symbol	SERPINA7
NCBI Official Synonym Symbols	TBG
NCBI Protein Information	thyroxine-binding globulin
UniProt Protein Name	Thyroxine-binding globulin
UniProt Gene Name	SERPINA7
UniProt Synonym Gene Names	TBG
UniProt Entry Name	THBG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/tbg-antibody-clone-m26211-elisa/74591>