

Mouse anti-TBG 100% TBG Monoclonal Antibody | anti-TBG antibody

TBG antibody

CATALOG # AAA74428	HOST Mouse	REACTIVITY TBG 100%
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	TBG 100%
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	M26232
Specificity	Human
Purity/Purification	> 90% pure (SDS-PAGE). Protein A chromatography. Sterile filtered
Form/Format	10mM Sodium Phosphate, pH 7.4 containing 150mM Sodium Chloride and 0.05% sodium azide as preservative
Concentration	7.85 mg/ml (varies by lot)
Sequence Length	415
Immunogen	Purified human TBG
Biological Significance	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.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Preparation and Storage	Store at 4°C short term only; -20°C long term storage

ADDITIONAL INFORMATION

Related Product Information for anti-TBG antibody	Mouse monoclonal TBG antibody
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
Molecular Weight	46,325 Da
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-m26232-elisa/74428>