

Product datasheet

Recombinant Mouse TIGIT protein (Tagged) (Biotin)
 ab271760

2 Images

Description

Product name	Recombinant Mouse TIGIT protein (Tagged) (Biotin)	
Purity	>= 90 % SDS-PAGE.	
Expression system	HEK 293 cells	
Accession	P86176	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	TAGTIDTKRNISAEEGGSVILQCHFSSDTAEVTQVDWKQQ DQLLAYSVD LGWHVASVFSDRVVPGPSLGLTFQSLTMNDTGEYFCTYH TYPGGYKGRIFLKVQESSDDRNGLAQFQ	
Molecular weight information	42 kDa by SDS-PAGE	
Amino acids	26 to 143	
Tags	Avi tag N-Terminus , Fc tag N-Terminus	
Conjugation	Biotin	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab271760** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot SDS-PAGE
Form	Liquid
Additional notes	Enzymatically biotin-labeled using Avi-tag™ technology

Preparation and Storage

Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. Store In the Dark.

pH: 7.40

Constituents: 0.02% Sodium phosphate, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)

General Info

Function

Binds with high affinity to the poliovirus receptor (PVR) which causes increased secretion of IL10 and decreased secretion of IL12B and suppresses T cell activation by promoting the generation of mature immunoregulatory dendritic cells.

Tissue specificity

Expressed at low levels on peripheral memory and regulatory CD4+ T cells and NK cells and is up-regulated following activation of these cells (at protein level).

Sequence similarities

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

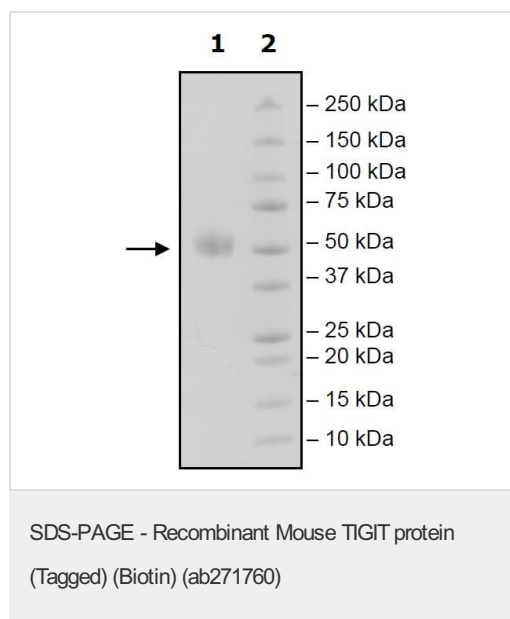
Domain

Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.

Cellular localization

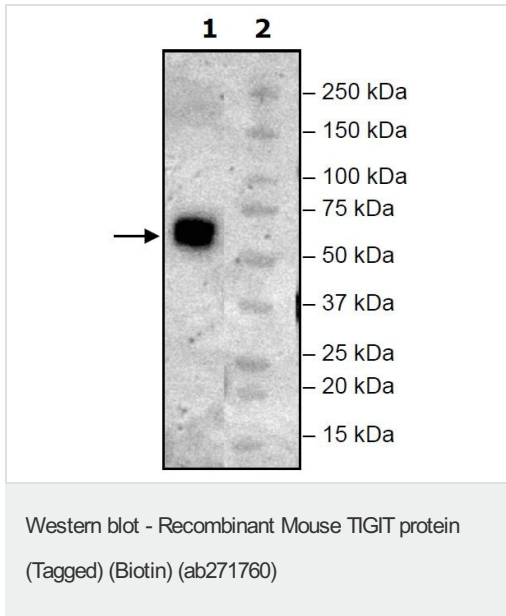
Cell membrane.

Images



SDS-PAGE analysis of 5 µg ab271760.

This protein runs at a higher MW by SDS-PAGE due to glycosylation.



Recombinant Mouse TIGIT protein (Tagged) (Biotin) (ab271760) at 5 µg

Predicted band size: 26 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors