abcam

Product datasheet

Human FOXP3 peptide ab14151

4 References 画像数 1

製品の詳細

製品名	Human FOXP3 peptide
Animal free	No
由来	Synthetic
生物種	Human

特性

Our **Abpromise guarantee** covers the use of **ab14151** in the following tested applications.

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

アプリケーション	Blocking
製品の状態	Liquid
備考	This is the immunizing peptide for **ab10563**. *- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.* *- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.* *- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.* *- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.* *- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.*

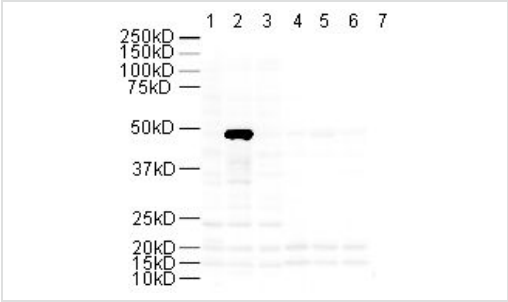
前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

関連情報

機能	Probable transcription factor. Plays a critical role in the control of immune response.
関連疾患	Defects in FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) [MIM:304790]; also known as X-linked autoimmunity-immunodeficiency syndrome. IPEX is characterized by neonatal onset insulin-dependent diabetes mellitus, infections, secretory diarrhea, trombocytopenia, anemia and eczema. It is usually lethal in infancy.
配列類似性	Contains 1 C2H2-type zinc finger. Contains 1 fork-head DNA-binding domain.
細胞内局在	Nucleus.

画像



Western blot - Human FOXP3 peptide (ab14151)

Western blot using **ab10563** at 1/500.

Lane 1: HEK 293 lysate.
Lane 2: HEK 293 lysate over expressing human FOXP3.
Lane 3: HEK 293 lysate over expressing mouse FOXP3.
Lane 4: HEK 293 lysate with FOXP3 peptide ab14151.
Lane 5: HEK 293 lysate over expressing human FOXP3 with FOXP3 peptide ab14151.
Lane 6: HEK 293 lysate over expressing mouse FOXP3 with FOXP3 peptide ab14151.
Lane 7: HEK 293 lysate with secondary antibody control **ab6721**.

All lanes with **ab10563** except lane 7.
Peptide at 1µg/ml.
Secondary antibody: Goat polyclonal to Rabbit IgG (HRP) **ab6721** 1/5000.
Exposure time: 30 sec.
Expected molecular weight: 47kD
Lysates at 20µg/lane.

This antibody recognises a single clean band in a HEK293 cell lysate that overexpresses human FOXP3. The band is not seen in untransfected cells and is blocked by the immunising peptide.

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.co.jp/abpromise** or contact our technical team.

Terms and conditions

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