# abcam

# Product datasheet

# Anti-FREM1 antibody ab117566

## 画像数1

#### 製品の概要

製品名 Anti-FREM1 antibody

製品の詳細 Rabbit polyclonal to FREM1

由来種 Rabbit

適用あり: IHC-P アプリケーション 種交差性 交差種: Human

交差が予測される動物種: Mouse 🔷

免疫原 Synthetic peptide corresponding to Human FREM1 (C terminal) conjugated to keyhole limpet

haemocyanin. KLH. A 15 AA synthetic peptide. The immunogen is located within the last 50 AA of

FREM1.

ポジティブ・コントロール Human tonsil tissue.

特記事項 Based on the location of the immunogen the antibody can detect FREM 1 isoform 1 and

isoform 2 (also known as TILRR).

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets

your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be

found below, along with publications, customer reviews and Q&As

#### 製品の特性

製品の状態 Liquid

保存方法 Shipped at 4°C. Store at 4°C (stable for up to 12 months). Store at -20°C or -80°C. Avoid freeze /

thaw cycle.

バッファー pH: 7.4

Preservative: 0.02% Sodium azide

Constituent: 99% PBS

精製度 Protein A purified

ポリモノ ポリクローナル

#### アプリケーション

**The Abpromise guarantee** <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab117566の使用に適用されます アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 10 µg/ml.

# ターゲット情報

機能 Extracellular matrix protein that plays a role in epidermal differentiation and is required for

epidermal adhesion during embryonic development.

**関連疾患** Defects in FREM1 are the cause of bifid nose with or without anorectal and renal anomalies

(BNAR) [MIM:608980]. A bifid nose is a rare congenital deformity due to failure of the paired nasal processes to fuse to a single midline organ during early gestation. BNAR is an autosomal recessive disorder and patients usually present a bifid nose associated with renal and anorectal

malformations.

**配列類似性** Belongs to the FRAS1 family.

Contains 1 C-type lectin domain.
Contains 1 Calx-beta domain.
Contains 12 CSPG (NG2) repeats.

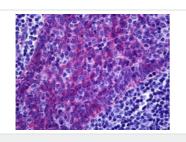
ドメイン The Calx-beta domain binds calcium with high affinity and undergo a major conformational shift

upon binding.

細胞内局在 Secreted > extracellular space > extracellular matrix > basement membrane. Localizes at the

basement membrane zone of embryonic epidermis and hair follicles.

#### 画像



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-FREM1 antibody (ab117566)

ab117566, at 10  $\mu$ g/ml, staining FREM1 in formalin fixed, paraffin embedded Human tonsil tissue by Immunohistochemistry.

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 <a href="https://www.abcam.co.jp/abpromise">https://www.abcam.co.jp/abpromise</a> or contact our technical team.

## Terms and conditions

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