

Anti-ADA antibody ab175310

★★★★★ [1 Abreviews](#) [4 References](#) [画像数 1](#)

製品の概要

製品名	Anti-ADA antibody
製品の詳細	Rabbit polyclonal to ADA
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, IHC-P
種交差性	交差種: Mouse, Rat, Human 交差が予測される動物種: Cow 
免疫原	Recombinant full length protein corresponding to Human ADA aa 1-363. Sequence: MAQTPAFDKPKVELHVHLDGSIKPETILYYGRRRGIALPANT AEGLLNVI GMDKPLTLPDFLAKFDYMPAIAAGCREAIKRIAYEFVEMKAK EGVYVEV RYSPhLLANSKVEPIPNWQAEGDLTPDEVVALVGQGLQEGER DFGVKARS ILCCMRHQPNWSPKVVELCKKYQQQTVVAIDLAGDETIPGSS LLPGHVQA YQEAVKSGIHRTVHAGEVGSAEVVKEAVDILKTERLGHGHT LEDQALYN RLRQENMHFEICPWSSYLTGAWKPDTEHAVIRLKNQANYSL NTDDPLIF KSTLDTDYQMTKRDMGFTEEEFKRLNINAAKSSFLPEDEKRE LLDLLYKA YGMPPSASAGQNL

Database link: [P00813](#)

 [Run BLAST with](#)

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特記事項

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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 49% PBS
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab175310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
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. ab171870 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.

ターゲット情報

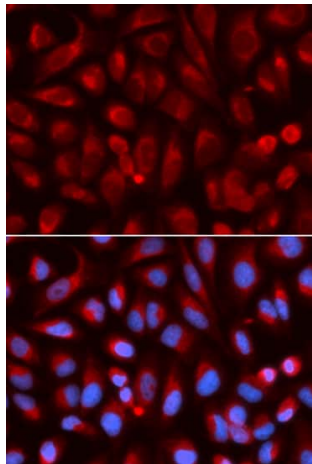
機能	Catalyzes the hydrolytic deamination of adenosine and 2-deoxyadenosine. Plays an important role in purine metabolism and in adenosine homeostasis. Modulates signaling by extracellular adenosine, and so contributes indirectly to cellular signaling events. Acts as a positive regulator of T-cell coactivation, by binding DPP4. Its interaction with DPP4 regulates lymphocyte-epithelial cell adhesion.
組織特異性	Found in all tissues, occurs in large amounts in T-lymphocytes and, at the time of weaning, in gastrointestinal tissues.
関連疾患	Defects in ADA are the cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-negative/NK-cell-negative due to adenosine deaminase deficiency (ADASCID) [MIM:102700]. SCID refers to a genetically and clinically heterogeneous group of rare congenital disorders characterized by impairment of both humoral and cell-mediated immunity, leukopenia, and low or absent antibody levels. Patients with SCID present in infancy with recurrent, persistent infections by opportunistic organisms. The common characteristic of all types of SCID is absence of T-cell-mediated cellular immunity due to a defect in T-cell development. ADA-SCID is an autosomal recessive form accounting for about 50% of non-X-linked SCIDs. ADA deficiency has been diagnosed in chronically ill teenagers and adults (late or adult onset). Population and newborn screening programs have also identified several healthy individuals with normal immunity who have partial ADA deficiency.

配列類似性

Belongs to the adenosine and AMP deaminases family.

細胞内局在

Cell membrane. Cell junction. Cytoplasmic vesicle lumen. Cytoplasm. Colocalized with DPP4 at the cell junction in lymphocyte-epithelial cell adhesion.

画像

Immunocytochemistry/Immunofluorescence analysis of U2OS cells using ab175310. Blue DAPI for nuclear staining.

Immunocytochemistry/ Immunofluorescence - Anti-ADA antibody (ab175310)

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

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