

Anti-ITK/EMT antibody [Y402] ab32507

リコンビナント **RabMAb**

3 References [画像数 4](#)

製品の概要

製品名	Anti-ITK/EMT antibody [Y402]
製品の詳細	Rabbit monoclonal [Y402] to ITK/EMT
由来種	Rabbit
アプリケーション	適用あり: WB, IP 適用なし: Flow Cyt, ICC/IF or IHC
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Jurkat whole cell lysate (ab7899).
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

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: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.21% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

アイソタイプ	IgG
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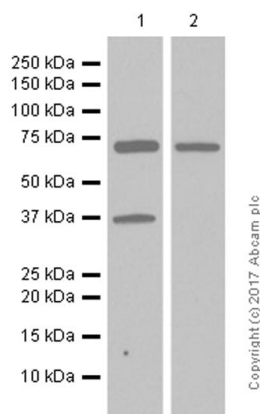
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab32507の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/10000. Detects a band of approximately 72 kDa (predicted molecular weight: 72 kDa). For unpurified use at 1/1000.
IP		1/20. For unpurified use at 1/50.

追加情報 Is unsuitable for Flow Cyt, ICC/IF or IHC.

機能	Plays a role in T-cell proliferation and differentiation.
組織特異性	T-cell lines and natural killer cell lines.
関連疾患	Defects in ITK are the cause of lymphoproliferative syndrome EBV-associated autosomal type 1 (LPSA1) [MIM:613011]. LPSA1 is a rare immunodeficiency characterized by extreme susceptibility to infection with Epstein-Barr virus (EBV). Inadequate immune response to EBV can have a fatal outcome. Clinical features include splenomegaly, lymphadenopathy, anemia, thrombocytopenia, pancytopenia, recurrent infections. There is an increased risk for lymphoma.
配列類似性	<p>Belongs to the protein kinase superfamily. Tyr protein kinase family. TEC subfamily.</p> <p>Contains 1 Btk-type zinc finger.</p> <p>Contains 1 PH domain.</p> <p>Contains 1 protein kinase domain.</p> <p>Contains 1 SH2 domain.</p> <p>Contains 1 SH3 domain.</p>
細胞内局在	Cell membrane. Localizes to cell surface receptors in the plasma membrane after stimulation with respective receptors (TCR, CD28, CD2) in T-cells.

2



Western blot - Anti-ITK/EMT antibody [Y402]
(ab32507)

Lane 1 : Anti-ITK/EMT antibody [Y402] (ab32507) at 1/2000 dilution (purified)

Lane 2 : Anti-ITK/EMT antibody [Y402] (ab32507) at 1/10000 dilution (purified)

All lanes : Jurkat (Human T cell leukemia T lymphocyte) whole cell lysates

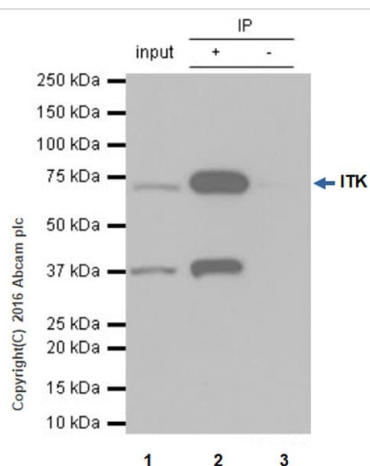
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 72 kDa

Blocking and diluting buffer: 5% NFDM/TBST



Immunoprecipitation - Anti-ITK/EMT antibody [Y402]
(ab32507)

ab32507 (purified) at 1:20 dilution (1.0µg) immunoprecipitating ITK/EMT in Jurkat whole cell lysate.

Lane 1 (input): Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate, 10µg

Lane 2 (+): ab32507 & Jurkat whole cell lysate

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of **ab172638** in Jurkat whole cell lysate

For western blotting, VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used for detection at 1:1000 dilution.

Blocking and diluting buffer: 5% NFDM/TBST.



Anti-ITK/EMT antibody [Y402] (ab32507) at 1/1000 dilution
(unpurified) + Jurkat cell lysate

Predicted band size: 72 kDa

Observed band size: 72 kDa

Western blot - Anti-ITK/EMT antibody [Y402]
(ab32507)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-ITK/EMT antibody [Y402] (ab32507)

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

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