

Anti-Urm1 antibody [EPR4809] ab110699

リコンビナント **RabMAb**

画像数 2

製品の概要

製品名	Anti-Urm1 antibody [EPR4809]
製品の詳細	Rabbit monoclonal [EPR4809] to Urm1
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF, IHC-P or IP
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	Human fetal liver, A549, Human fetal lung, HepG2, and DDDDK-tagged Urm1 recombinant protein.
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 -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR4809
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ab110699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。

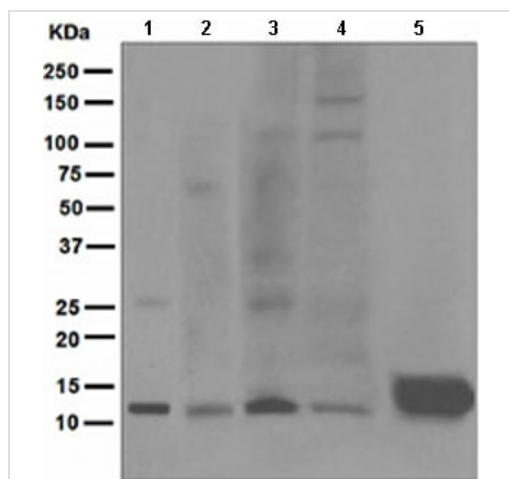
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 11 kDa.

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

ターゲット情報

機能	Acts as a sulfur carrier required for 2-thiolation of mcm(5)S(2)U at tRNA wobble positions of tRNA(Lys), tRNA(Glu) and tRNA(Gln). Serves as sulfur donor in tRNA 2-thiolation reaction by thiocarboxylated (-COSH) at its C-terminus by MOCS3. The sulfur is then transferred to tRNA to form 2-thiolation of mcm(5)S(2)U. May also act as an ubiquitin-like protein that is covalently conjugated to other proteins; the relevance of such function is however unclear in vivo.
パスウェイ	tRNA modification; 5-methoxycarbonylmethyl-2-thiouridine-tRNA biosynthesis.
配列類似性	Belongs to the URM1 family.
翻訳後修飾	C-terminal thiocarboxylation occurs in 2 steps, it is first acyl-adenylated (-COAMP) via the hesA/moeB/thiF part of MOCS3, then thiocarboxylated (-COSH) via the rhodanese domain of MOCS3.
細胞内局在	Cytoplasm.

画像



Western blot - Anti-Urm1 antibody [EPR4809]
(ab110699)

All lanes : Anti-Urm1 antibody [EPR4809] (ab110699) at 1/1000 dilution

Lane 1 : Human fetal liver lysate at 10 µg

Lane 2 : A549 lysate at 10 µg

Lane 3 : Human fetal lung lysate at 10 µg

Lane 4 : HepG2 lysate at 10 µg

Lane 5 : DDDDK-tagged Urm1 recombinant protein at 0.01 µg

Predicted band size: 11 kDa

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-Urm1 antibody [EPR4809] (ab110699)

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

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