


Anti-HtrA2 / Omi antibody [E55] ab32092

リコンビナント RabMAb

16 References [画像数 3](#)

製品の概要

製品名	Anti-HtrA2 / Omi antibody [E55]
製品の詳細	Rabbit monoclonal [E55] to HtrA2 / Omi
由来種	Rabbit
特異性	ab32092 does not cross-react with other peptidase S1C family members.
アプリケーション	適用あり: WB, IHC-P 適用なし: Flow Cyt or ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide within Human HtrA2/ Omi aa 100-200 (N terminal). The exact sequence is proprietary.
ポジティブ・コントロール	Jurkat cell lysate.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 E55
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ab32092の使用に適用されず**
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: 38 kDa.
IHC-P		1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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

ターゲット情報

機能 Serine protease that shows proteolytic activity against a non-specific substrate beta-casein. Promotes or induces cell death either by direct binding to and inhibition of BIRC proteins (also called inhibitor of apoptosis proteins, IAPs), leading to an increase in caspase activity, or by a BIRC inhibition-independent, caspase-independent and serine protease activity-dependent mechanism. Cleaves THAP5 and promotes its degradation during apoptosis. Isoform 2 seems to be proteolytically inactive.

組織特異性 Isoform 1 is ubiquitous. Isoform 2 is expressed predominantly in the kidney, colon and thyroid.

関連疾患 Defects in HTRA2 are the cause of Parkinson disease type 13 (PARK13) [MIM:610297]. A complex neurodegenerative disorder characterized by bradykinesia, resting tremor, muscular rigidity and postural instability, as well as by a clinically significant response to treatment with levodopa. The pathology involves the loss of dopaminergic neurons in the substantia nigra and the presence of Lewy bodies (intraneuronal accumulations of aggregated proteins), in surviving neurons in various areas of the brain.

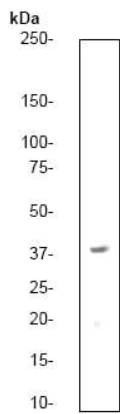
配列類似性 Belongs to the peptidase S1B family.
Contains 1 PDZ (DHR) domain.

ドメイン The mature N-terminus is involved in the interaction with XIAP.
The PDZ domain mediates interaction with MXI2.

翻訳後修飾 Autoproteolytically activated.

細胞内局在 Mitochondrion intermembrane space. Mitochondrion membrane. Predominantly present in the intermembrane space. Released into the cytosol following apoptotic stimuli, such as UV treatment, and stimulation of mitochondria with caspase-8 truncated BID/tBID.

画像

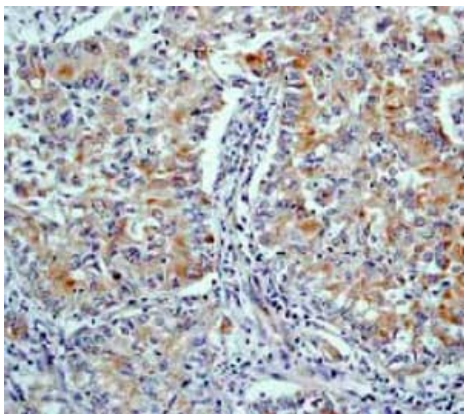


Western blot - Anti-HtrA2 / Omi antibody [E55]
(ab32092)

Anti-HtrA2 / Omi antibody [E55] (ab32092) at 1/2000 dilution +
Jurkat (Human T cell leukemia cell line from peripheral blood) whole
cell lysate

Predicted band size: 38 kDa

Observed band size: 38 kDa







Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-HtrA2 / Omi antibody
[E55] (ab32092)

ab32092 at a 1:250 dilution staining Htr2A/ Omi in human lung
adenocarcinoma, using Immunohistochemistry, Paraffin Embedded
Tissue.

Perform heat mediated antigen retrieval with citrate buffer pH 6
before commencing with IHC staining protocol.

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-HtrA2 / Omi antibody [E55] (ab32092)

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

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