

Product datasheet

Anti-ZP2 antibody ab118073

画像数 1

製品の概要

製品名	Anti-ZP2 antibody
製品の詳細	Mouse monoclonal to ZP2
由来種	Mouse
アプリケーション	適用あり: WB
種交差性	交差種: Recombinant fragment 交差が予測される動物種: Human 
免疫原	Recombinant fragment, corresponding to amino acids 400-510 of Human ZP2 with a Proprietary tag (NP_003451). Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	Recombinant fragment of ZP2 protein

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Constituent: 99% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab118073** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

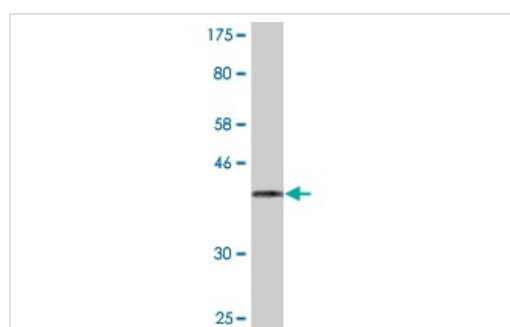
アプリケーション	Abreviews	特記事項
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WB Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 82 kDa. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

ターゲット情報

機能	The mammalian zona pellucida, which mediates species-specific sperm binding, induction of the acrosome reaction and prevents post-fertilization polyspermy, is composed of three to four glycoproteins, ZP1, ZP2, ZP3, and ZP4. ZP2 may act as a secondary sperm receptor.
組織特異性	Oocytes.
配列類似性	Belongs to the ZP domain family. ZPA subfamily. Contains 1 ZP domain.
発生段階	Expressed during the 2-week growth phase of oogenesis, prior to ovulation.
ドメイン	The ZP domain is involved in the polymerization of the ZP proteins to form the zona pellucida.
翻訳後修飾	Proteolytically cleaved before the transmembrane segment to yield the secreted ectodomain incorporated in the zona pellucida. Proteolytically cleaved in the N-terminal part after fertilization, yielding a N-terminal peptide of about 30 kDa which remains covalently attached to the C-terminal peptide via disulfide bond(s). This cleavage may play an important role in the post-fertilization block to polyspermy. O-glycosylated; contains sulfate-substituted glycans.
細胞内局在	Secreted > extracellular space > extracellular matrix and Cell membrane.

画像



Anti-ZP2 antibody (ab118073) at 5 µg/ml +
Recombinant fragment of ZP2 with Proprietary
tag at 0.2 µg

Predicted band size: 82 kDa

Western blot - Anti-ZP2 antibody (ab118073)

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