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Product datasheet

Anti-Connexin 32 / GJB1 antibody [M12.13] - BSA and Azide free ab270278

画像数 1

製品の概要

製品名	Anti-Connexin 32 / GJB1 antibody [M12.13] - BSA and Azide free
製品の詳細	Mouse monoclonal [M12.13] to Connexin 32 / GJB1 - BSA and Azide free
由来種	Mouse
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human **交差が予測される動物種:** Rat
免疫原	Full length native protein (purified) corresponding to Rat Connexin 32/ GJB1. Rat junctional complexes. Database link: **P08034**
ポジティブ・コントロール	WB: Human stomach lysate.
特記事項	ab270278 is a carrier free version of **ab270241**. Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency. This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications. Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold. 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. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein G purified
特記事項（精製）	Purified from bioreactor concentrate.
ポリ/モノ	モノクローナル
クローン名	M12.13
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ab270278の使用に適用されます**

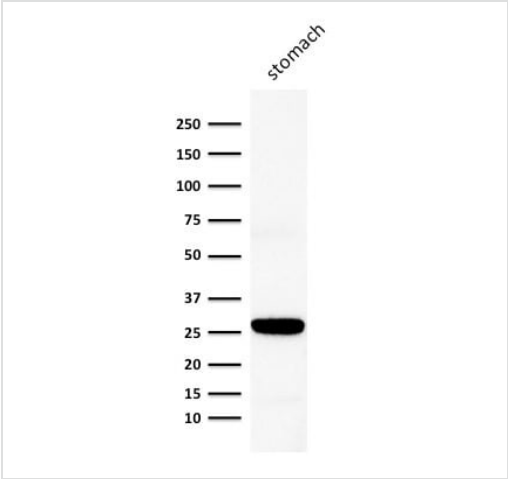
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 2 µg/ml.

ターゲット情報

機能	One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.
関連疾患	Defects in GJB1 are the cause of Charcot-Marie-Tooth disease X-linked type 1 (CMTX1) [MIM:302800]; also designated CMT-X. CMTX1 is a form of Charcot-Marie-Tooth disease, the most common inherited disorder of the peripheral nervous system. Charcot-Marie-Tooth disease is classified in two main groups on the basis of electrophysiologic properties and histopathology: primary peripheral demyelinating neuropathies characterized by severely reduced motor nerve conduction velocities (NCVs) (less than 38m/s) and segmental demyelination and remyelination, and primary peripheral axonal neuropathies characterized by normal or mildly reduced NCVs and chronic axonal degeneration and regeneration on nerve biopsy. CMTX1 has both demyelinating and axonal features. Central nervous system involvement may occur. Defects in GJB1 may contribute to the phenotype of Dejerine-Sottas syndrome (DSS) [MIM:145900]; also known as Dejerine-Sottas neuropathy (DSN) or hereditary motor and sensory neuropathy III (HMSN3). DSS is a severe degenerating neuropathy of the demyelinating Charcot-Marie-Tooth disease category, with onset by age 2 years. DSS is characterized by motor and sensory neuropathy with very slow nerve conduction velocities, increased cerebrospinal fluid protein concentrations, hypertrophic nerve changes, delayed age of walking as well as areflexia. There are both autosomal dominant and autosomal recessive forms of Dejerine-Sottas syndrome.
配列類似性	Belongs to the connexin family. Beta-type (group I) subfamily.
細胞内局在	Cell membrane. Cell junction > gap junction.

画像



Western blot - Anti-Connexin 32 / GJB1 antibody [M12.13] - BSA and Azide free (ab270278)

Anti-Connexin 32 / GJB1 antibody [M12.13] (**ab270241**) at 2 µg/ml + Human stomach lysate

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA and sodium azide (**ab270241**).

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