

Datasheet for ABIN6735230  
**anti-GJA8 antibody (2nd Cytoplasmic Domain)**



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## Overview

Quantity:	100 µg
Target:	GJA8
Binding Specificity:	2nd Cytoplasmic Domain
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJA8 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	A 13 amino acid peptide sequence within the 2nd cytoplasmic domain (between 2nd and 3rd transmembrane domain) of Mouse Cx50 (2) was used to generate anti-Mouse Cx50. Peptide was coupled to KLH (carrier protein).
Isotype:	IgG
Specificity:	Recognizes mouse Connexin 50 (CX50, Gap Junction Alpha 8 Protein, CXA-8, Lens Fiber Protein MP70). Species sequence homology: rat 100 % . No reactivity observed with other connexins.
Purification:	Affinity purified

## Target Details

Target:	GJA8
Alternative Name:	GJA8 / CX50 / Connexin 50 ( <a href="#">GJA8 Products</a> )

## Target Details

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Background: Name/Gene ID: GJA8  
Subfamily: Connexin  
Family: Ion Channel

Synonyms: GJA8, Connexin 49, Connexin-50, CAE, CX50, Gap junction alpha-8 protein, Gap junction protein alpha 8, Lens fiber protein MP70, MP70, CAE1, Cell surface glycoprotein, Connexin 50, CZP1

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Gene ID: 2703

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UniProt: [P48165](#)

## Application Details

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Application Notes: Approved: ELISA (1:10), WB (1 - 10 µg/mL)

Usage: Suitable for use in Western Blot and ELISA. Western Blot: 1-10 µg/mL using Chemiluminescence technique. The antibodies detected proteins of ~63-65kD in rat lens. The same set of bands were detected by anti-MP70. ELISA: 1:10K-100K using 50-100 ng of the control peptide per well.

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Comment: Target Species of Antibody: Mouse

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: PBS, pH 7.4, 0.1 % BSA, 0.02 % sodium merthiolate, 40 % glycerol.

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Preservative: Thimerosal (Merthiolate)

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Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

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Storage Comment: Short term: 4°C  
Long term: Add glycerol (40-50%) -20°C.