



[Go to Product page](#)

Datasheet for ABIN200662  
**anti-GJA8 antibody (AA 290-440)**

### Overview

Quantity:	100 µg
Target:	GJA8
Binding Specificity:	AA 290-440
Reactivity:	Human, Mouse, Rat, Sheep
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GJA8 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

### Product Details

Immunogen:	Urea/alkali stripped sheep lens membranes.  Type of Immunogen: Membrane extract
Clone:	C6
Isotype:	IgM kappa
Specificity:	Specific for Connexin 50. It does not cross-react with other Connexin proteins. Anti-Connexin 50 recognizes an epitope in the cytoplasmic (carboxy) tail located between residues 290-440. Reacts with Connexin 50 from sheep, human, mouse, rat and probably other species. Tested in a wide variety of tissues including lens, cornea and heart valve.
Purification:	Gel filtration

## Target Details

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Target:	GJA8
Alternative Name:	GJA8 / CX50 / Connexin 50 ( <a href="#">GJA8 Products</a> )
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
Gene ID:	2703
UniProt:	<a href="#">P48165</a>

## Application Details

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Application Notes:	Approved: ELISA (0.1 - 1 µg/mL), IF (10 - 50 µg/mL), IP, WB (1 - 5 µg/mL)  Usage: Suitable for use in Immunofluorescence, ELISA, Western Blot, Immunoprecipitation. ELISA: 0.1-1.0 µg/mL. Western Blot: 1-5 µg/mL. Immunofluorescence 10-50 µg/mL. Immunoprecipitation: 5-10 µg.
Comment:	Target Species of Antibody: Sheep
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.2, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C Long term: Add glycerol (40-50%) -20°C.