



# Rabbit Anti-Human Connexin 36 monoclonal antibody, clone 3I23M25 (CABT-L1323)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	GJD2
Immunogen	Recombinant protein corresponding to Human GJD2 (aa 308-319)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Clone	3I23M25
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## BACKGROUND

**Introduction** Connexin-36 (CX36), is a member of the connexin gene family that is expressed predominantly in mammalian neurons. Connexins associate in groups of 6 and are organized radially around a central pore to form connexons. Each gap junction intercellular channel is formed by the conjunction of 2 connexons. Mutations in connexin-encoding genes can lead to functional and developmental abnormalities.

**Keywords** GJD2;gap junction protein, delta 2, 36kDa;CX36;GJA9;gap junction delta-2 protein;connexin 36;connexin-36;gap junction alpha-9 protein

## GENE INFORMATION

**Entrez Gene ID** [57369](#)

**UniProt ID** [Q9UKL4](#)