

## Anti-JAM2 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Cow,Rabbit,Chimpanzee, Macaque Monkey,Gorilla, Orangutan,Human)
Molecular Weight:	Theoretical: 48 kDa. Actual: 50 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample: H9C2 Cell (Rat) Lysate at 30 µg Primary: Anti-JAM2 (TMAB-07860) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 50 kD
	2. Sample: Heart (Mouse) Lysate at 40 µg Primary: Anti-JAM2 (TMAB-07860) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 50 kD
	Application: WB
	Recommended WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human JAM2
Antigen Species:	Human
Gene ID:	58494
Uniprot ID:	P57087

### Research Background

This gene belongs to the immunoglobulin superfamily, and the junctional adhesion molecule (JAM) family. The protein encoded by this gene is a type I membrane protein that is localized at the tight junctions of both epithelial and endothelial cells. It acts as an adhesive ligand for interacting with a variety of immune cell types, and may play a role in lymphocyte homing to secondary lymphoid organs. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2012]

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