

## Anti-Natriuretic Peptide Receptor C Antibody (8K442)

### Product Details

Ig Type:	IgG1, k
Reactivity:	Human
Molecular Weight:	Theoretical: 57 kDa. Actual: 62 kDa.
Clone:	8K442
Purification:	Protein G purified

### Applications

Sample:	Lane 1: Hela cell lysates
Verified Activity:	Primary: Anti-Natriuretic Peptide Receptor C (TMAB-09254) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 57 kD Observed band size: 62 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 Natriuretic Peptide Receptor C
Antigen Species:	Human
Gene ID:	4883
Uniprot ID:	P17342

### Research Background

Natriuretic peptide receptor C does not exhibit guanylate cyclase activity. There seem to be at least three ANP receptors: two with guanylate cyclase activity (ANPA and ANPB) and one (ANPC) which is probably responsible for the clearance of ANP from the circulation without a role in signal transduction.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481