



Qty: 100 µg/400 µL

Rabbit anti-C35

Catalog No. 40-4000

Lot No.

## Rabbit anti-C35

### FORM

This polyclonal antibody is supplied as a 400 µL aliquot at a concentration of 0.25 mg/mL in phosphate buffered saline (pH 7.4) containing 0.1% sodium azide. This antibody is epitope-affinity purified from rabbit antiserum.

PAD: ZMD.460

### IMMUNOGEN

Synthetic peptide derived from the N-terminal region of the human C35 protein (chromosome 17 open reading frame 37 (C17orf37 protein), XTP4).

### SPECIFICITY

This antibody reacts with the human C35 protein. On Western blots, it identifies the target band at ~15 kDa band. A band of unknown origin may be observed in both C35-flag transfected and vector only-transfected 293T cell lysates at ~80 kDa.

### REACTIVITY

Reactivity has been confirmed with full-length human C35-transfected HEK293-Flag cell lysates.

Sample	Western Blotting	Immuno-precipitation
Human	+++	0*
Immunogen	N/A	N/A

(Excellent +++, Good++, Poor +, No reactivity 0, Not applicable N/A, Not Determined ND)

\* No reactivity observed under conditions tested

### USAGE

Working concentrations for specific applications should be determined by the investigator. Appropriate concentrations will be affected by several factors, including secondary antibody affinity, antigen concentration, sensitivity of detection method, temperature and length of incubations, etc. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

**Western Blotting:** 1-3 µg/mL

### STORAGE

Store at 2-8°C for up to one month. Store at -20°C for long-term storage. Avoid repeated freezing and thawing.

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**BACKGROUND**

C35 is a novel gene located on chromosome 17, adjacent to the oncogene encoding HER2/neu, that is expressed in breast carcinoma but not in the homologous non-transformed mammary ductal epithelial cells<sup>1</sup>. In one study, the C35 gene was overexpressed in 22 of 38 (58%) human breast carcinomas and 19 of 32 (59%) bladder carcinomas, when compared to a broad panel of normal human tissues<sup>1</sup>. C35 is a 115 amino acid protein<sup>1</sup>. Immunohistochemistry with polyclonal antisera demonstrated specific and homogenous staining of C35 protein in 25 of 54 (46%) human breast cancer specimens, including 7 of 9 infiltrating ductal carcinomas displaying necrosis and lymphatic infiltration<sup>1</sup>.

**REFERENCES**

1. Sahasrabudhe DM, et al. Abstract # 11737 *ASCO Annual Meeting*, 2002.

**RELATED PRODUCTS**

<b>Product</b>	<b>Conjugate</b>	<b>Cat. No.</b>
Protein A	Sepharose <sup>®</sup> 4B	10-1041
rec-Protein G	Sepharose <sup>®</sup> 4B	10-1241

<b>Conjugate</b>	<b>ZyMAX<sup>™</sup> Goat x Rabbit IgG (H+L)</b>	<b>ZyMAX<sup>™</sup> Goat x Mouse IgG (H+L)</b>
Purified	81-6100	81-6500
FITC	81-6111	81-6511
TRITC	81-6114	81-6514
Cy <sup>™</sup> 3	81-6115	81-6515
Cy <sup>™</sup> 5	81-6116	81-6516
HRP	81-6120	81-6520
AP	81-6122	81-6522
Biotin	81-6140	81-6540

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