

## Rabbit anti-Human IGHM Polyclonal Antibody | anti-IGHM antibody

IGHM Antibody (N-term)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA284038 | Rabbit | Human      | Immunohistochemistry, ELISA, Western Blot |

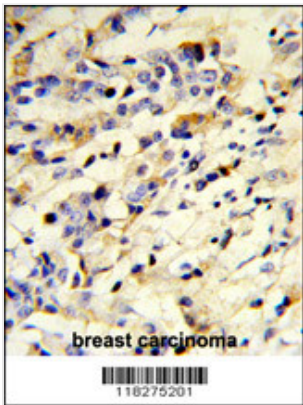
### PRODUCT SYNONYMS

IGHM; Polyclonal Antibody; IGHM Antibody (N-term); Ig mu chain C region; anti-IGHM antibody

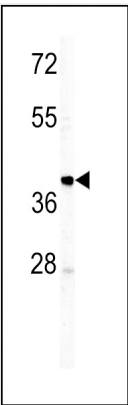
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                    |
| Reactivity                                     | Human                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                |
| Isotype                                        | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                    | This IGHM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-131 amino acids from the N-terminal region of human IGHM.                      |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                  | Vial Concentration: 1.96 (varies by lot)                                                                                                                                                  |
| Sequence Positions                             | 103-131                                                                                                                                                                                   |
| Sequence Length                                | 452                                                                                                                                                                                       |
| Applicable Applications for anti-IGHM antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                      |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                 | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

IMAGES



**IHC (Immunohiostchemistry)**  
Formalin-fixed and paraffin-embedded human breast carcinoma reacted with IGHM Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of IGHM antibody (N-term) in T47D cell line lysates (35ug/lane). IGHM (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                     |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-IGHM antibody | Immunology; Signal Transduction                                                                                                                                                     |
| References                                       | Dorai H., Gillies S.D.Nucleic Acids Res. 17:6412-6412(1989)<br>Rabbitts T.H.Nucleic Acids Res. 9:4509-4524(1981)<br>Watanabe S.Hoppe-Seyler's Z. Physiol. Chem. 354:1505-1509(1973) |

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 193806374                        |
| NCBI GeneID                      | 3507                             |
| UniProt Accession #              | P01871; P20769                   |
| Molecular Weight                 | 49307                            |
| NCBI Official Full Name          | Ig mu chain C region             |
| NCBI Official Synonym Full Names | immunoglobulin heavy constant mu |
| NCBI Official Symbol             | IGHM                             |
| NCBI Official Synonym Symbols    | MU; VH; AGM1                     |
| UniProt Protein Name             | Ig mu chain C region             |
| UniProt Gene Name                | IGHM                             |
| UniProt Entry Name               | IGHM_HUMAN                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.