

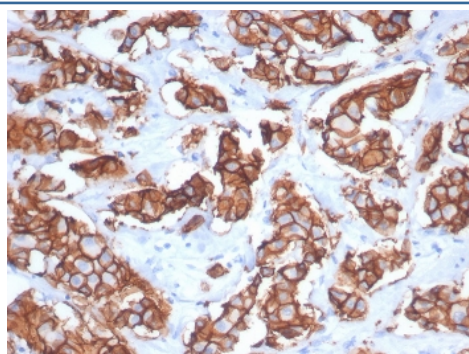
## Recombinant HER2 Antibody / ErbB2 [clone ERBB2/7158R] (V4470)

| Catalog No.    | Formulation                                                             | Size   |
|----------------|-------------------------------------------------------------------------|--------|
| V4470-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4470-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug  |
| V4470SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                          | 100 ug |

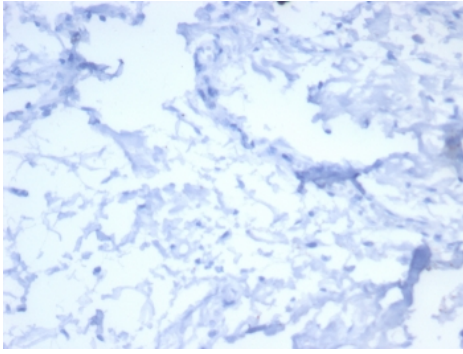
Recombinant **RABBIT MONOCLONAL**

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|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Availability       | 1-3 business days                                                  |
| Species Reactivity | Human                                                              |
| Format             | Purified                                                           |
| Clonality          | Recombinant Rabbit Monoclonal                                      |
| Isotype            | Rabbit IgG, kappa                                                  |
| Clone Name         | ERBB2/7158R                                                        |
| Purity             | Protein A/G affinity                                               |
| UniProt            | P04626                                                             |
| Localization       | Cell surface                                                       |
| Applications       | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT        |
| Limitations        | This recombinant HER2 antibody is available for research use only. |



IHC staining of FFPE human breast carcinoma tissue with recombinant HER2 antibody (clone ERBB2/7158R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC testing of FFPE human breast stroma tissue with recombinant HER2 antibody (clone ERBB2/7158R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

## Description

C-erbB-2/HER-2 is a member of the EGFR family. This mAb is specific and shows minimal cross-reaction with other members of the EGFR-family. Receptors of this family are located on the plasma membrane and consist of an extracellular ligand-binding domain that is connected to a large intracellular domain by a single transmembrane sequence. c-erbB-2/HER-2 protein is over-expressed in a variety of carcinomas especially those of breast and ovary.

## Application Notes

Optimal dilution of the recombinant HER2 antibody should be determined by the researcher.

## Immunogen

A recombinant partial protein sequence (within amino acids 1055-1255) from the human protein was used as the immunogen for the recombinant HER2 antibody.

## Storage

Aliquot the recombinant HER2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.