

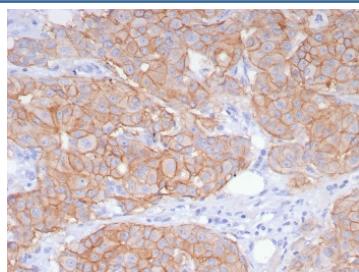
Recombinant HER2 Antibody / ErbB2 [clone ERBB2/8142R] (V4469)

| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V4469-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4469-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4469SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

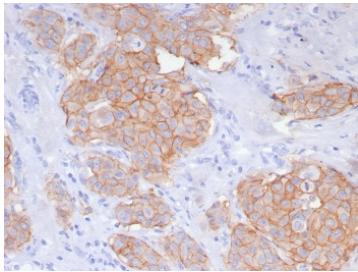
Recombinant **RABBIT MONOCLONAL**

Bulk quote request

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Rabbit |
| Clonality | Recombinant Rabbit Monoclonal |
| Isotype | Rabbit IgG, kappa |
| Clone Name | ERBB2/8142R |
| Purity | Protein A/G affinity |
| UniProt | P04626 |
| Localization | Cell surface |
| Applications | Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml 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 ERBB2/8142R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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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.