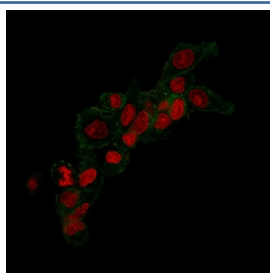


ErbB2 Antibody / HER2 [clone HRB2/258] (V2109)

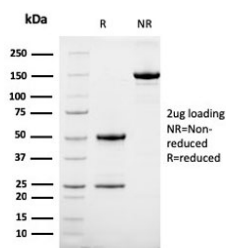
Catalog No.	Formulation	Size
V2109-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2109-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2109SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	HRB2/258
Purity	Protein G purified
Gene ID	2064
Localization	Extracellular/Intracellular cell membrane
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) : Flow Cytometry : 1-2ug/10 ⁶ cells Immunofluorescence : 1-3ug/ml
Limitations	This ErbB2 antibody is available for research use only.



Immunofluorescent staining of methanol-fixed human SLBR3 cells with ErbB2 antibody (clone HRB2/258, green) and Reddot nuclear stain (red).



SDS-PAGE Analysis of Purified, BSA-Free ErbB2 Antibody (clone HRB2/258).
Confirmation of Integrity and Purity of the Antibody.

Description

This antibody recognizes a protein of 185kDa, which is identified as HER2 / ErbB2. Its epitope is localized in the extracellular domain. ErbB2 is a member of the EGFR family. This antibody 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. ErbB2 protein is over-expressed in a variety of carcinomas especially those of breast and ovary.

Application Notes

Variations in protocols, secondaries and substrates may require the antibody to be titered for optimal performance.

1. This ErbB2 antibody binds to the extracellular/cell surface region of the protein.

Immunogen

Recombinant human protein was used as the immunogen for this ErbB2 antibody.(1)

Storage

Store the ErbB2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

p185, CD340, Verb b2 Erythroblastic Leukemia Viral Oncogene Homolog 2, ErbB2 antibody, Neuro/Glioblastoma Derived Oncogene Homolog

References (3)