

Product datasheet for **DRM008**

Her2 (ERBB2) Rabbit Monoclonal Antibody [Clone ID: SP3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SP3
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on formalin-fixed paraffin embedded sections: dilute 1:100 in an ABC method (30 minutes at room temperature). Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining. Recommended Positive Control: Breast carcinoma
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein encoding extracellular domain of human c-erbB-2
Specificity:	This antibody recognizes c-erbB-2 protein. Cellular Localization: Cell membrane
Formulation:	State: Supernatant State: Liquid tissue culture supernatant containing sodium azide as preservative
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	erb-b2 receptor tyrosine kinase 2
Database Link:	Entrez Gene 2064 Human P04626



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- Background:** c-erbB-2 protein is a receptor tyrosine kinase of the c-erbB family. It is closely related in structure to the epidermal growth factor receptor. c-erbB-2 oncoprotein is detectable in a proportion of breast and other adenocarcinomas, as well as transitional cell carcinomas. In the case of breast cancer, expression determined by immunohistochemistry has been shown to be associated with poor prognosis.
- Synonyms:** HER-2, NEU, p185erbB2, NGL, c-erbB-2, MNL19