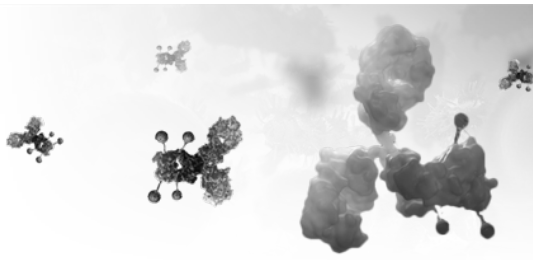

Human HER2, neu (DAG260)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	RecombinantHuman HER2/neu (erbB-2). 43.4kDa protein containing 397 amino acid residuesof the human Herstatin. The amino acid sequence of the recombinant humanherstatin is 100% homologous to the amino acid sequence of the humanherstatin without signal sequ
Antigen Description	HER2/neu(also known as ErbB-2) stands for Human Epidermal growth factorReceptor 2 and is a protein giving higher aggressiveness in breastcancers. It is a member of the ErbB protein family, more commonly known asthe epidermal growth factor receptor family. HER2/neu has also beendesignated as CD340 (cluster of differentiation 340) and p185. It is encodedby the ERBB2 gene.
Species	Human
Conjugate	Unconjugated
Applications	Suitablefor use in Western blot. Each laboratory should determine an optimum workingtiter for use in its particular application. Other applications have not beentested but use in such assays should not necessarily be excluded.
Format	Purified, Lyophilized; Reconstitute with deionized water to 0.5 mg/ml and let thelyophilized pellet dissolve completely (typically requires 20 minutes at 37°C). For conversion into higher pH values, we recommend intensive dilutionusing a relevan buffer to
Concentration	0.5 mg/ml (prior to lyophilization)
Buffer	Lyophilized from0.05M Acetate buffer, pH 4
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Introduction	This is an antibody fragment consisting of a single monomeric variable antibody domain directed to human ErbB2. Nanobody, with a molecular weight of only 12–15 kDa, is able to bind selectively to a specific antigen like a whole antibody.
Keywords	ERBB2; v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian); NGL, v erb b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog); receptor tyrosine-pr

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221