

**CHO-HER2 | 305413MH**

Description						
	CHO-HER2	1	85,000	HER2	CHO	HER2

Organism	
Tissue	

<b>Disease</b>	Chinese hamster ovary, non-neoplastic; genetically engineered for HER2 (ErbB2/CD340) surface expression (medium-high expression level)
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<b>Applications</b>	Antibody screening; ADCC/CDC assays; HER2-targeted therapy development; breast/gastric cancer research; flow cytometry
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<b>Synonyms</b>	CHO-HER2
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Age	
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Gender	
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Morphology	
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<b>Cell type</b>	Epithelial cells
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Growth properties	
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<b>Citation</b>	CHO-HER2 High (Cytion 305413H)
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<b>Biosafety level</b>	1
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<b>NCBI_TaxID</b>	10029
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**CellosaurusAccession** CVCL\_A8W7

**GMO Status** GMO-S1: This CHO derivative contains a medium-to-high HER2 expression construct for evaluating HER2-targeted therapeutics. This classification applies only within Germany and may differ elsewhere.

**Receptors expressed** HER2

**Culture Medium** DMEM:Ham's F12 (1:1) w:3.1 g/L Glucose w:2.5 mM L-Glutamine w:15 mM HEPES w:0.5 mM Sodium pyruvate w:1.2 g/L NaHCO3 Cytion 820400a CHO A InSCREENeX InSCREENeX INS-ME-1039

**Supplements** 5 FBS 0.5 mg/mL Geneticin G418-Sulfat

**Dissociation Reagent** -EDTA

**Doubling time** approx. 14-16 hours

**Subculturing** PBS PBS Trypsin/EDTA T25

**Split ratio** 1 to 5

**Seeding density** 2 to 5 x 10<sup>4</sup> cells/cm<sup>2</sup>

**Fluid renewal** 2 3

**Post-Thaw Recovery** T25 1:2 1:3 24

**Freeze medium** FBS 10 DMSO CM-1 C

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Thawing and Culturing Cells			
1.			
2.		-150	3
3.		37	40 60
4.	70		
5.		8ml	15ml
6.	300 x g	3	
7.	10ml		2 T25
8.			

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>, humidified atmosphere.

**Shipping Conditions**

Cryopreserved cell lines are shipped on dry ice in validated, insulated packaging with sufficient refrigerant to maintain approximately -78 °C throughout transit. On receipt, inspect the container immediately and transfer vials without delay to appropriate storage.

**Storage Conditions**

For long-term preservation, place vials in vapor-phase liquid nitrogen at about -150 to -196 °C. Storage at -80 °C is acceptable only as a short interim step before transfer to liquid nitrogen.

**HLA**

**Sterility**

PCR