



**GOOD BIOTECH CORP.**

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**ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED**

## SPECIFICATION SHEET

PRODUCT:	Duck IgY( $\Delta$ Fc) to <b>Human hepsin</b> —affinity purified
CATALOG NUMBER	D0203-2D
HOST ANIMAL:	Duck
DESCRIPTION:	IgY ( $\Delta$ Fc ) to human hepsin is developed in duck by using synthetic peptide as immunogen. Affinity purified IgY ( $\Delta$ Fc ) is purified by hepsin (peptide) coupling chromatography. The product is supplied as a solution in 20mM MES( 2-( N-Morpholino ) ethanesulfonic acid ) , 0.14M sodium chloride, pH 5.8, containing 0.02% NaN <sub>3</sub> as a preservative.
IMMUNOGEN:	synthetic peptide
CONCENTRATION:	$\geq 1.0$ mg/ml, determined by absorbance at 280 nm and using 1.4 as the extinction coefficient
PURITY:	Determined by SDS-PAGE ( blue stain ) , showing that the IgY( $\Delta$ Fc) constitute was $\geq 90\%$ of total protein; and the total immunoglobulin IgY + IgY( $\Delta$ Fc) constitute was $\geq 95\%$ of total protein.
STORAGE:	For continuous use, store at 0~5°C. For extended storage: -20°C. Repeated freezing and thawing is not recommended.
SPECIFICITY:	This antibody specifically recognized recombinant human hepsin in western blot analysis; cross-reactivity to hepsin of other species has not yet been tested.
TITER:	ELISA titer : $\geq 10000x$ ELISA titer is defined as the dilution of antibody ( 1mg/ml ) sufficient to give a change in absorbance of <b>1.0</b> at 450nm. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
APPLICATIONS:	Good to be used in immunoassay method e.g. Immunohistochemistry, Cell flowcytometry, ELISA, Western Blot assay <i>et al.</i> Other applications for use of this antibody are available, but the performances should be estimated by users.
RELATIVE PRODUCTS:	Rabbit serum to Human hepsin ( <b>R0203-0A</b> ) Rabbit IgG to Human hepsin—affinity purified ( <b>R0203-1D</b> )

For *in vitro* research and manufacturing of diagnostic only.