

Technical Data Sheet

Product	<b>Anti-Transferrin Purified Low Endotoxin</b>	
Cat. Number/Size	<b>12-258-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	Transferrin
Clone	HTF-14
Format	Purified Low Endotoxin
Reactivity	Human, Pig, Rabbit
Negative species	Horse, Dog, Sheep, Cow
Application	WB, IHC(P), ICC, ELISA, RIA, FUNC
Application details	Functional application: The antibody HTF-14 blocks binding of transferrin to its receptor. Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: placenta. Western blotting: non-reducing conditions, recommended dilution: 1-2 µg/ml.
Isotype	Mouse IgG1
Specificity	The antibody HTF-14 recognizes an epitope located in the N-terminal domain of human serum transferrin, a 77 kDa single polypeptide chain glycoprotein (member of the iron binding family of proteins). It is synthesised in the liver and consists of two domains each having a high affinity reversible binding site for Fe <sup>3+</sup> .
Other names	TFQTL1, PRO1557, PRO2086
Immunogen	Purified porcine transferrin.
Entrez Gene ID	7018
Gene name	TF
NCBI Full Gene Name	transferrin
UniProt ID	P02787

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Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4
Storage and handling	Store at 2-8°C. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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