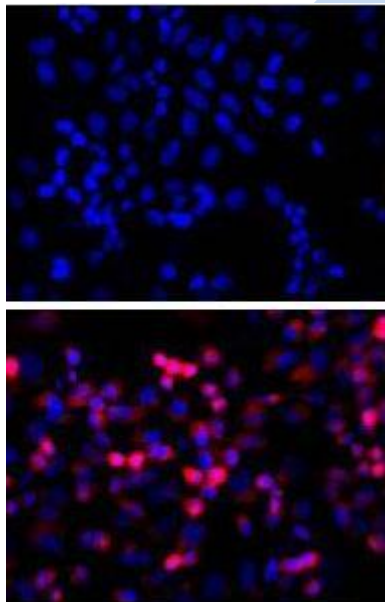
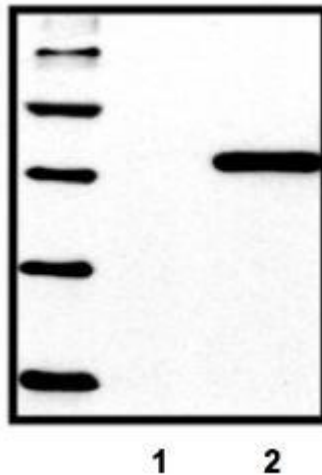


Catalog Number GTX18184

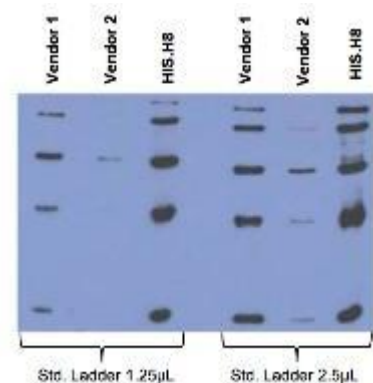
Synonyms	6 His His tag 6 His epitope tag HHHHHH tag HHHHHH epitope tag
Background	The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification. The antibody recognizes the His-tag fused to the amino- or carboxy- termini of targeted proteins in transfected or transformed cells.
Host	Mouse
Clonality	Monoclonal
Clone No	HIS.H8 / EH158
Subclass	IgG2b
Immunogen	HHHHHH (6x His) synthetic peptide conjugated to KLH
Cross Reactivity	Other - Not yet tested in other species.
Applications	ELISA, ICC/IF, Immunohistochemistry, Immunoprecipitation, Western blot. The usefulness of this product in other applications has not been determined.
Application Note	Recommended Starting Dilutions: WB (with ECL): Use at a dilution of 1:1000-3000 Immunostaining: Use at a dilution of 1:500 - 1:2000 For best results with other assays (e.g.: Dot, ELISA, IP, etc), please determine optimal working dilution by titration test
Target	6x His tag
Form Supplied	Liquid
Concentration	1 mg/mL
Purification	Protein A affinity chromatography from mouse ascites fluid
Storage Buffer	10mM PBS, pH 7.2
Storage Instruction	Store at 4°C (add 0.1% NaN ₃) for several days to weeks, and at -20°C for longer periods. Avoid repeated freeze-thaw cycles
Notes	For in vitro research use only. Not intended for any diagnostic or therapeutic purpose. Not suitable for human or animal consumption.



TOP: untransfected control;
BOTTOM: anti-His (in red) on His-tagged fusion proteins in HEK293 cells. Both counterstained with DAPI (in blue)



Standard ladder containing five different His-tagged proteins; untransfected control (1), HEK293 cells transfected with His-tagged protein vector (2)



Comparison between anti-His tag (HIS.H8 / EH158) mAb with 2 different vendor Abs, probed against a standard ladder containing five different His-tagged proteins. All Ab dilutions are 1:2000 (0.5µg/mL)

GENTAUR

Gentaur Molecular Products
Voortstraat 49
1910 Kampenhout, Belgium