Product Id	**TM-451-55**
Product Name	**Anti- human dimethyl - Histone H4 (K20) IgG fraction (monoclonal)**

Temperature	-20°C
Unit	150µg
Availability	Available
Category	Proteins and Antibodies for Transcription Research
Subcategory	Proteins and Antibodies
Description	IgG fraction from mouse monoclonal antibody (clone 7H8/I5) obtained by immunization using a KLH-conjugated synthetic peptide corresponding to aa17 – aa28 of human Histone H4. The IgG fraction was purified using Protein G-Sepharose.
Isotype	IgG1
Storage	Store at -20°C.
Stability	Stable for at least one year. Avoid repeated freezing and thawing.
Biological Activity	This antibody can be used in ELISA assays (1: 8,000 dilution), immunoblot, immunohistochemistry and immunoprecipitation analysis. It recognizes Histone H4 dimethylated on lysine 20. This modification is associated with silent, transcriptionally inactive regions within the euchromatin. This antibody is used to study the mechanisms of regulation of chromatin structure during transcription.
Formulation	Solution at 1.0 mg/mL in PBS (pH 7.2).
References	Nishioka, K et al. (2002) Mol. Cell. 9, 1201 – 1213.

UK & Rest of World
184 Milton Park, Abingdon
OX14 4SE, Oxon, UK
Tel: +44 (0) 1235 828 200
Fax: +44 (0) 1235 820 482

Switzerland
Centro Nord-Sud 2E
CH-6934 Bioggio-Lugano
Tel: +41 (0) 91 604 55 22
Fax: +41 (0) 91 605 17 85

Deutschland
Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
Tel: +49 (0) 69 779099
Fax: +49 (0) 69 13376880

United States
23591 El Toro Rd, Suite #167
Lake Forest, CA 92630
Tel: + 1 800 987 0985
Fax: + 1 949 265 7703

amsbio
info@amsbio.com