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Datasheet for ABIN564205
anti-HDAC9 antibody (AA 481-570)

2 Images

Overview

Quantity:	100 µg
Target:	HDAC9
Binding Specificity:	AA 481-570
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HDAC9 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant HDAC9.
Immunogen:	HDAC9 (NP_478056, 481 a.a. ~ 570 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	QIHMNKLLSK SIEQLKQPGS HLEEAEELQ GDQAMQEDRA PSSGNSTRSD SSACVDDTLG QVGAVKVKKEE PVDSDEDAQI QEMESGEQAA
Clone:	2G10
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HDAC9
Alternative Name:	HDAC9 (HDAC9 Products)
Background:	Full Gene Name: histone deacetylase 9 Synonyms: DKFZp779K1053,HD7,HDAC,HDAC7,HDAC7B,HDAC9B,HDAC9FL,HDRP,KIAA0744,MITR
Gene ID:	9734
NCBI Accession:	NM_058176
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

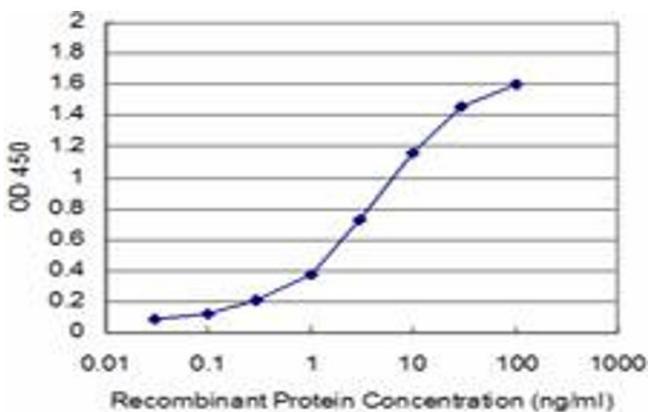
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

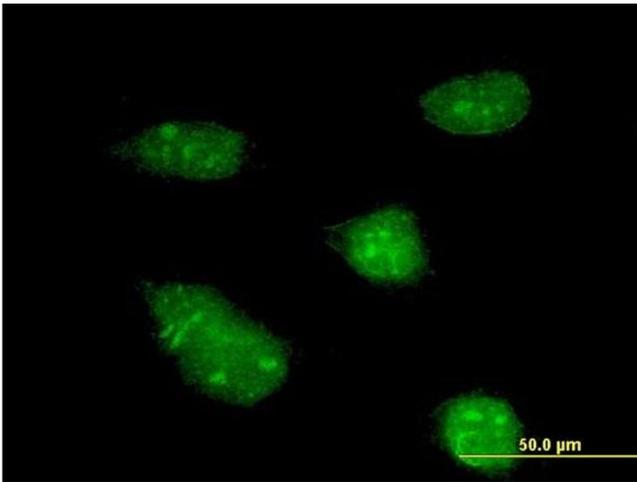
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged HDAC9 is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to HDAC9 on HeLa cell. [antibody concentration 10 ug/ml]