Datasheet for ABIN5774940

anti-HNE antibody

1 Image

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Overview

Quantity:	100 µg
Target:	HNE
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HNE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against synthetic 4-Hydroxynonenal (4-HNE).
Immunogen:	Synthetic 4-Hydroxynonenal modified Keyhole Limpet Hemocyanin (KLH).
Clone:	12F7
Isotype:	IgG1
Cross-Reactivity:	Human

Target Details

Target:	HNE
Alternative Name:	4-Hydroxynonenal (HNE Products)
Target Type:	Chemical

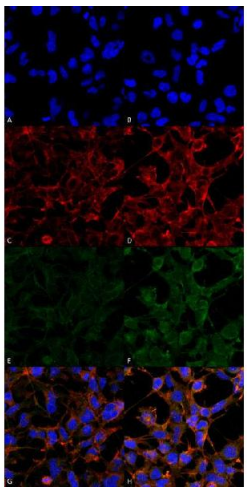
Application Details

Application Notes:	ELISA (1:1000) Immunocytochemistry (1:50) Immunofluorescence (1:50) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS, pH 7.4 (50 % glycerol, 0.09 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C.

Images



Immunocytochemistry

Image 1. Immunocytochemical staining of HEK293 with 4-Hydroxynonenal monoclonal antibody, clone 12F7 . (A, B) DAPI (blue) nuclear stain, (C, D) Phalloidin Alex Fluor 633 F-Actin stain, (E, F) 4-Hydroxynonenal Antibody and (G, H) Composite. (A, C, E, G) Untreated and (B, D, F, H) Cells cultured overnight with 50 uM H2O2.