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Datasheet for ABIN516135
anti-GOT2 antibody (AA 331-430)

3 Images

Overview

Quantity:	100 µg
Target:	GOT2
Binding Specificity:	AA 331-430
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GOT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant GOT2.
Immunogen:	GOT2 (NP_002071, 331 a.a. ~ 430 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	LNTPDLRKQW LQEVKGMADR IIGMRTQLVS NLKKEGSTHN WQHITDQIGM FCFTGLKPEQ VERLIKEFSI YMTKDGRISV AGVTSSNVGY LAHAIHQVTK
Clone:	4H8
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	GOT2
Alternative Name:	GOT2 (GOT2 Products)
Background:	Full Gene Name: glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2) Synonyms: FLJ40994,KAT4,KATIV,mitAAT
Gene ID:	2806
NCBI Accession:	NM_002080
Pathways:	Monocarboxylic Acid Catabolic Process

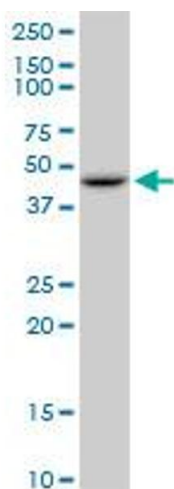
Application Details

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

Handling

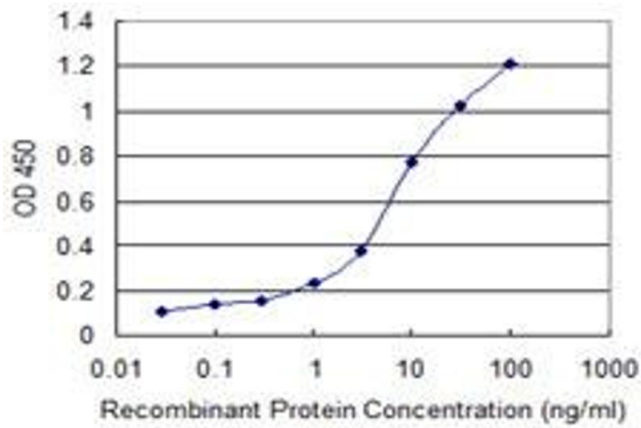
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. GOT2 monoclonal antibody (M09), clone 4H8.
Western Blot analysis of GOT2 expression in HepG2.



ELISA

Image 2. Detection limit for recombinant GST tagged GOT2 is 0.3 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (36.74 kDa).