

Datasheet for ABIN516674
anti-HPD antibody (AA 160-269)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	HPD
Binding Specificity:	AA 160-269
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HPD antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant HPD.
Immunogen:	HPD (NP_002141.1, 160 a.a. ~ 269 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	YEAPAFMDPL LPKLPKCSLE MIDHIVGNQP DQEMVSASEW YLKNLQFHRRF WSVDDTQVHT EYSSLRSIVV ANYEESIKMP INEPAPGKKK SSIQYVDYN GGAGVQHIAL
Clone:	2F3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HPD
Alternative Name:	HPD (HPD Products)
Background:	Full Gene Name: 4-hydroxyphenylpyruvate dioxygenase Synonyms: 4-HPPD,4HPPD,GLOD3,PPD
Gene ID:	3242
NCBI Accession:	NM_002150

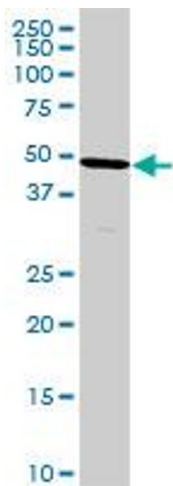
Application Details

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

Handling

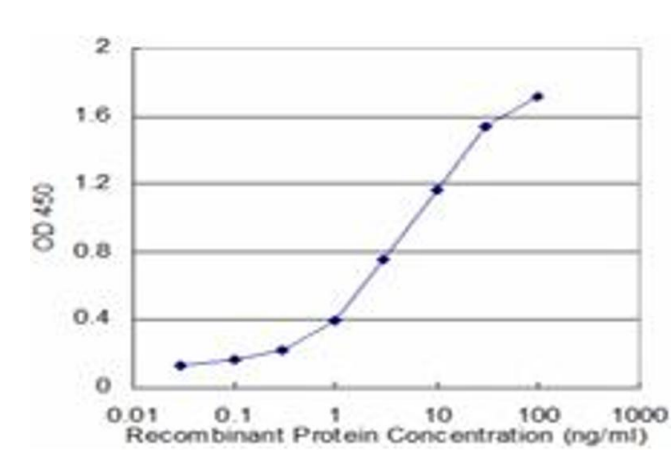
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



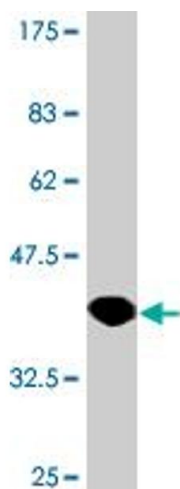
Western Blotting

Image 1. HPD monoclonal antibody (M07), clone 2F3.
Western Blot analysis of HPD expression in HeLa .



ELISA

Image 2. Detection limit for recombinant GST tagged HPD is approximately 0.1 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (37.84 kDa) .