

Product Datasheet

Goat anti-DKK1 Antibody (orb18888)

Description	Goat polyclonal antibody to DKK1
Species/Host	Goat
Reactivity	Bovine, Human, Mouse
Conjugation	Unconjugated
Tested Applications	ELISA, IHC, WB
Target	DKK1
Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration	10 µg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	ELISA: Peptide ELISA: antibody detection limit dilution 1:128000.WB: Approx 38kDa band observed in human spleen and bone marrow lysates after 1 µg/ml antibody staining. Please note that a band of similar size is reported in the literature (PMID 10383463). However, the calculated size is 28.7kDa according to NP_36374. The 38kDa band was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 1-3 µg/ml.
Protein Sequence	CDHHQASNSSLHT
Clonality	Polyclonal
MW	28.7
Entrez	22943

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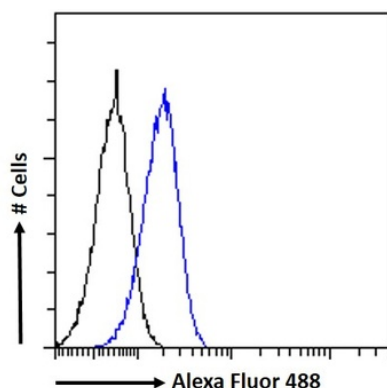
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Dilution Range

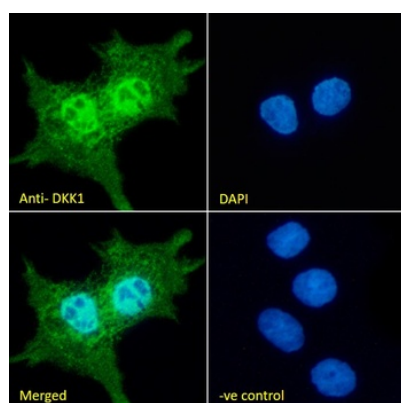
ELISA: 1:128000, WB: 1-3 µg/ml, IHC-P: 10 µg/ml

Expiration Date

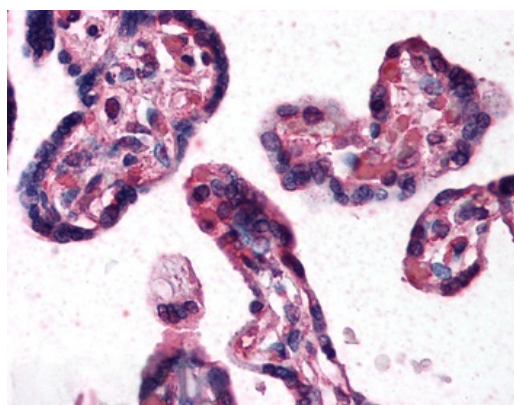
12 months from date of receipt.



orb18888 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



orb18888 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



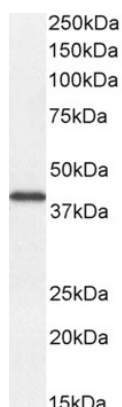
orb18888 (10µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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orb18888 (1 μ g/ml) staining of MCF7 cell lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



Western blot analysis of Human Bone Marrow lysate using DKK1 antibody

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