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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09483 - Goat Anti-HMOX2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HMOX2, heme oxygenase (decycling) 2, HO-2, heme oxygenase (decycling) 2

Official Symbol: HMOX2

Accession Number(s): NP_002125.3

Human GeneID(s): [3163](#)

Non-Human GeneID(s): 15369 (mouse)

Important Comments: Reported variants represent identical protein: NP_002125.3, NP_001120676.1, NP_001120678.1, NP_001120677.1

Immunogen

Peptide with sequence C-DQAGSTLARETLED, from the internal region of the protein sequence according to NP_002125.3.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

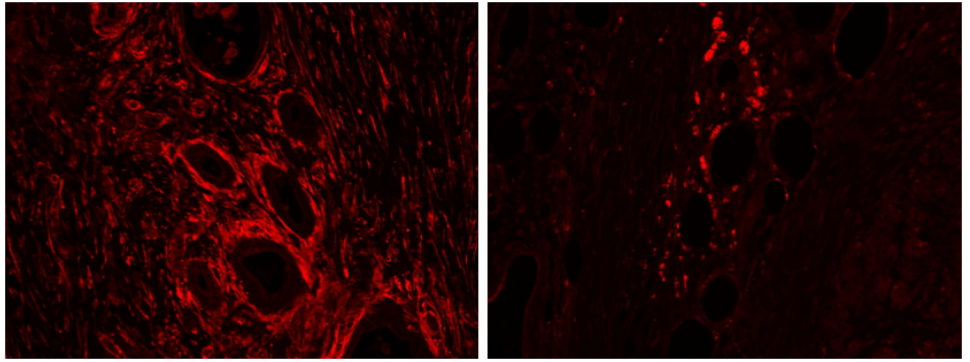
Western blot: Approx 37kDa band observed in lysates of cell line K562 (calculated MW of 36.0kDa according to NP_002125.3). Recommended concentration: 0.3-1µg/ml.

IHC: In paraffin embedded Human Pancreas cancer shows increased staining of invading cancer cells. Recommended concentration, 2-4µg/ml.

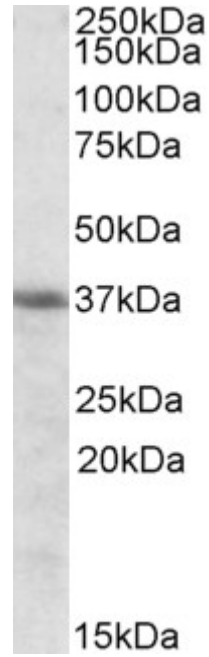
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Cow



EB09483 (2 μ g/ml) staining of paraffin embedded Human Pancreas: cancer (left), adjacent to cancer (right).
Steamed antigen retrieval with citrate buffer pH 6, Alexa594-staining.



EB09483 (0.3 μ g/ml) staining of K562 cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.