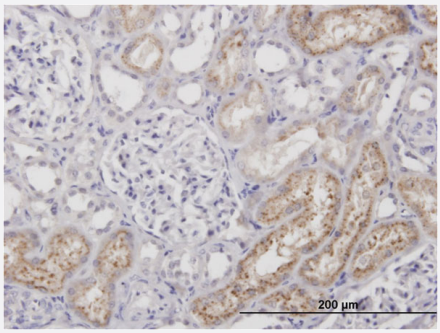
AMBP monoclonal antibody, clone 4F4

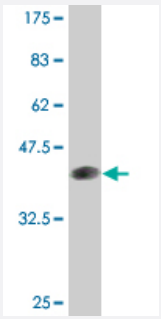
Catalog # H00000259-M12 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to AMBP on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Western Blot detection against Immunogen (38.7 kDa)

Specification

Product Description	Mouse monoclonal antibody raised against a full length native AMBP.
Immunogen	Native purified human AMBP.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG2a, kappa

Quality Control Testing	Antibody Reactive Against Native Protein Western Blot detection against Immunogen (38.7 kDa)
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunoperoxidase of monoclonal antibody to AMBP on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

  Protocol Download

- ELISA

Gene Info — AMBP

Entrez GeneID	259
Gene Name	AMBP
Gene Alias	EDC1, HCP, HI30, IATIL, ITI, ITIL, ITILC, UTI
Gene Description	alpha-1-microglobulin/bikunin precursor
Omim ID	176870
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a complex glycoprotein secreted in plasma. The precursor is proteolytically processed into distinct functioning proteins: alpha-1-microglobulin, which belongs to the superfamily of lipocalin transport proteins and may play a role in the regulation of inflammatory processes, and bikunin, which is a urinary trypsin inhibitor belonging to the superfamily of Kunitz-type protease inhibitors and plays an important role in many physiological and pathological processes. This gene is located on chromosome 9 in a cluster of lipocalin genes. [provided by RefSeq

Other Designations	OTTHUMP00000021967|OTTHUMP00000063975|alpha-1-microglobulin/bikunin|bikunin|complex-forming glycoprotein heterogeneous in charge|growth-inhibiting protein 19|inter-alpha-trypsin inhibitor light chain|protein HC|trypstatin|uristatin|uronic-acid-rich protei

Publication Reference

- Underexpression of α-1-microglobulin/bikunin precursor predicts a poor prognosis in oral squamous cell carcinoma.

  Sekikawa S, Onda T, Miura N, Nomura T, Takano N, Shibahara T, Honda K.

  International Journal of Oncology 2018 Dec; 53(6):2605.

  Application: IHC-P, WB, Human, Human oral squamous cell carcinoma, SAS cells

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Kidney Calculi