

Cathepsin D Rabbit monoclonal antibody

Catalog: BS40113

Host: Rabbit

Reactivity: Human Mouse Rat

BackGround:

This gene encodes a lysosomal aspartyl protease composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. This proteinase, which is a member of the peptidase C1 family, has a specificity similar to but narrower than that of pepsin A. Transcription of this gene is initiated from several sites, including one which is a start site for an estrogen-regulated transcript. Mutations in this gene are involved in the pathogenesis of several diseases, including breast cancer and possibly Alzheimer disease.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

46kDa/28kDa

Swiss-Prot:

P07339

Purification&Purity:

Affinity-chromatography

Applications:

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
IP 1:50 FC 1:20

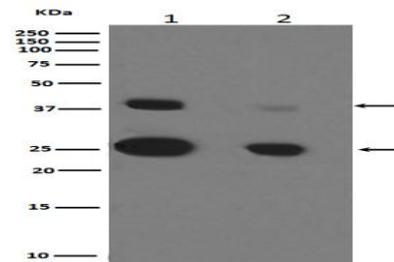
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

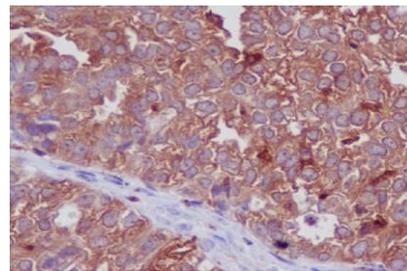
Specificity:

Cathepsin D Antibody detects endogenous levels of total Cathepsin D

DATA:



Western blot analysis of Cathepsin D expression in (1)MCF-7 cell lysate; (2)SKBR-3 cell lysate.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer, using Cathepsin D Antibody.

Note:

For research use only, not for use in diagnostic procedure.

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