CASP10 (Human) Cell-Based ELISA Kit

Catalog # KA2635 Size 1 Kit

Specification

Product Description	CASP10 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of CASP10 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — CASP10

Entrez GeneID	843
Protein Accession#	Q92851
Gene Name	CASP10
Gene Alias	ALPS2, FLICE2, MCH4
Gene Description	caspase 10, apoptosis-related cysteine peptidase

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Omim ID	137215 601762 603909 605027
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with apoptosis defects seen in type II autoimmune lymphoproliferative syndrome. Three alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq
Other Designations	FADD-like ICE2|Fas-associated death domain protein|ICE-like apoptotic protease 4|apoptotic protease MCH-4|caspase 10|caspase 10, apoptosis-related cysteine protease|interleukin-1B-converting enzyme 2

Pathway

- Apoptosis

Disease

- Adenocarcinoma
- Asthma
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Carcinoma
- Clubfoot
- Colorectal Neoplasms
- Disease Progression
- Esophageal Neoplasms
- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease

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- Hematologic Diseases
- Leukemia
- Lung Neoplasms
- Lymphoma
- Malignant melanoma
- Melanoma
- Multiple Myeloma
- Multiple Sclerosis
- Neoplasm Metastasis
- Neoplasms
- Neovascularization
- Occupational Diseases
- Prostatic Neoplasms
- Pulmonary Disease
- Skin Neoplasms
- Small Cell Lung Carcinoma
- Urinary Bladder Neoplasms
- Werner syndrome

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