



# Anti-Human Secretory component chimeric monoclonal antibody, clone 3H8B8 (CABT-L2428)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

### Product Overview

It is a Mouse/Human chimeric monoclonal antibody produced in transgenic mice by replacing the mouse sequence of the heavy chain constant region (IgM, IgG or IgA loci) by the corresponding human sequence. After immunization with the antigen of interest, generated antibody clones are cultivated by standard hybridoma techniques. They consist of the human constant region of the heavy chain, mouse variable region of the heavy chain and mouse light chain. The human constant region of the heavy chain can be directly recognized by the anti-human conjugate, which is used in numerous in vitro diagnostic assays.

|                    |  |
|--------------------|--|
| <b>Specificity</b> | This antibody directed against human secretory component |
|--------------------|--|

|               |                           |
|---------------|---------------------------|
| <b>Target</b> | Human Secretory component |
|---------------|---------------------------|

|                |     |
|----------------|-----|
| <b>Isotype</b> | IgG |
|----------------|-----|

|                    |       |
|--------------------|-------|
| <b>Source/Host</b> | Mouse |
|--------------------|-------|

|                           |       |
|---------------------------|-------|
| <b>Species Reactivity</b> | Human |
|---------------------------|-------|

|              |       |
|--------------|-------|
| <b>Clone</b> | 3H8B8 |
|--------------|-------|

|                     |            |
|---------------------|------------|
| <b>Purification</b> | Unpurified |
|---------------------|------------|

|                  |              |
|------------------|--------------|
| <b>Conjugate</b> | Unconjugated |
|------------------|--------------|

|                     |       |
|---------------------|-------|
| <b>Applications</b> | ELISA |
|---------------------|-------|

|               |        |
|---------------|--------|
| <b>Format</b> | Liquid |
|---------------|--------|

|                     |  |
|---------------------|--|
| <b>Buffer</b>       | Supplied in IMDM, 10% fetal bovine serum (FBS), 1% penicillin – streptomycin, 1% sodium pyruvate, 1% non essential aminoacids, 50 µM β mercaptoethanol |
| <b>Preservative</b> | 0.09% Sodium Azide   |
| <b>Storage</b>      | 2–8 °C   |
| <b>Ship</b>         | Wet ice  |

## BACKGROUND

|                     |  |
|---------------------|--|
| <b>Introduction</b> | Involved in endochondral bone formation as negative regulator of bone mineralization. Stimulates the proliferation of endothelial cells and promotes angiogenesis. Inhibits MMP9 proteolytic activity. |
| <b>Keywords</b>     | ECM1;extracellular matrix protein 1;URBWD;secretory component p85;   |

## GENE INFORMATION

|                   |   |
|-------------------|---|
| <b>Synonyms</b>   | ECM1; extracellular matrix protein 1; URBWD; secretory component p85; |
| <b>UniProt ID</b> | <a href="#">Q16610</a>  |