

## **Product Data Sheet**

## **RGD**

**Applications** Catalog # Source Reactivity

CCP1400 Synthetic

**Description** Peptide to RGD

**Biological Description** The target epitope of several integrin receptors is the RGD sequence, a cell

adhesion motif shared by several matrix-associated adhesive glycoproteins, such

as fibronectin, vitronectin, fibrinogen, collagen type I, laminin, and von

Willebrand factor.

Lyophilized powder **Form** 

**CAS Number** 99896-85-2

**Molecular Formula** C12H22N6O6

**Molecular Weight** 346.3

> 95% **Purity** 

**Chemical Structure** Arg - Gly - Asp

Storage/Stability Shipped at 4°C. Store at -20°C for one year.

**Structure** 

$$H_2N$$
 $H_2$ 
 $H_3$ 
 $H_4$ 
 $H_4$ 
 $H_5$ 
 $H_5$ 
 $H_5$ 
 $H_5$ 
 $H_5$ 
 $H_6$ 
 $H_7$ 
 $H_7$ 

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S-Sheep, Z-Zebrafish

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