



Hi-Puri™ Rabbit Anti-Nanobody Monoclonal antibody, clone 8D3 (DMAB-CDB26042)

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

PRODUCT INFORMATION

Specificity	8D3 binds to a surface of Nanobody that is distal from the CDRs and contains conserved amino acids present in many nanobodies.
Target	Nanobody
Immunogen	Purified tagless nanobody Nb_0
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Clone	8D3
Purification	>90% determined by SDS-PAGE
Conjugate	Unconjugated
Applications	Suitable for use in Crystallography. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	lot specific
Size	200 µg, 1 mg
Buffer	PBS (endotoxin < 1EU/mg, lower endotoxin levels may also be offered upon request)

Preservative	None
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles.
Ship	Dry ice

BACKGROUND

Introduction Animals from the camelidae family (i.e. camels, llamas and alpacas) contain a particular class of antibodies that are devoid of light chains. These so-called heavy chain-only antibodies (HcAbs) undergo normal selection and maturation by the animals' immune system. For this reason, HcAbs and their variable domains (VHHs, sdAb or Nanobody), can exhibit high affinities (nM range) and serum stability.

Keywords VHH; sdAb; Nanobody