

## Gold Cube Nanocage

### DESCRIPTION

Beijing Biotyscience Co. Ltd provides high-quality gold cube nanocages. Gold Cube Nanocage is a new type of hollow and porous advanced nano material of precious metals. Because of its excellent surface plasmon resonance (SPR) characteristics, it has been widely studied in biological and chemical sensing, surface enhanced Raman scattering and other fields.

In the biomedical field, gold cube nanocages can be used as a more potential detection platform for biomolecules based on local SPR peak changes. It should be specially pointed out that due to the hollow and porous characteristics of gold cube nanocages, they can be compounded with temperature sensitive molecules and combined with near-infrared laser and other external fields to become highly efficient nano drug carriers and sustained-release nano platforms. Compared with gold nano shells with silica solid spheres as the core and other solid nano materials, gold cube nanocages have greater advantages in drug loading with high efficiency.

### PRODUCT INFORMATION

<b>Type</b>	Gold Cube Nanocage
<b>Core size</b>	60 nm
<b>Concentration</b>	0.05 mg/ml (or others)
<b>Size</b>	20 ml
<b>Storage</b>	Stored at 2 - 8°C. Do not freeze. Protect from light.

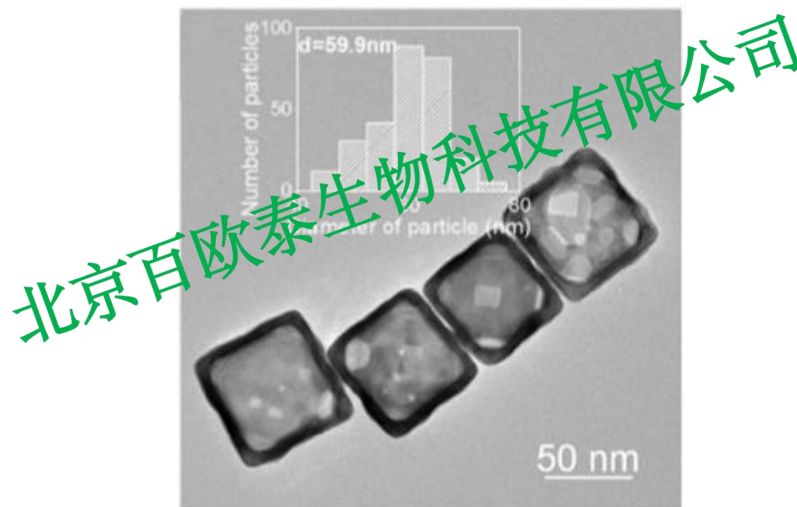
北京百欧泰生物科技有限公司

Tel: 400-669-8850 Email: [info@biotyscience.com](mailto:info@biotyscience.com)

Address: 北京市房山区良乡凯旋大街建设路 18 号

**Shelf life**                      6 months

## Transmission electron microscopy (TEM)



Transmission electron microscopy (TEM) of Biotyscience gold cube nanocages

## Applications

photothermal therapy

Bioimmunoassay

Dark field optical imaging

Drug or gene carrier

## Storage

Store product away from direct sunlight at 2-8 ° C.

Do NOT freeze. Freezing causes irreversible aggregation of the nanoparticles.

When stored as specified the product is stable for at least six months.

北京百欧泰生物科技有限公司

Tel: 400-669-8850      Email: [info@biotyscience.com](mailto:info@biotyscience.com)

Address: 北京市房山区良乡凯旋大街建设路 18 号

## Contact Us

**Beijing Biotyscience Co. Ltd.**

**QQ:** 499854788

3494243873

**WeChat:** 13681256816; 15511114213

**Email:** info@biotyscience.com

**Tel:** 400-669-8850

15511114213; 13681256816